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Test Certificates for:

• Sheet steel containers with bung hole with / without PE inner receptacle 2 Sheet steel containers with removable lid with/without PE inner receptacle 3 Containers made of plastic with bung hole or removable lid 4 Fibre drums 5 Cans and canisters made of plastic 6 Cans and canisters made of metal 7 Bottles made of plastic 8 Bottles made of aluminium 9 Flexible IBC 10 Cardboard IBC 11

Metal IBC, rigid plastic IBC, composite IBC

Packaging made of corrugated cardboard

Boxes made of wood / wooden materials

Bags and sacks

Pallets from wood

Foam moulded parts

Shrink and stretch wrap

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Manufacturer:	Test Certificates No.:							
Test Certificate Sheet steel containers with bung hole with / without PE inner receptacle								
Packaging- Denomination: Customer/	Delivery / Production Quantity: Nominal sheet thickness: Material / Open-head drum:							
Delivery Address: Lot-/Serial-No:	Material / Inliner: Purchase Order-No.:							
UN-Marking:	Pac	kaging No.:						
Production Date:	No	minal Capac	ity:					
Requirements		Target	Actual					
Total Height (mm)							
Outer Diameter (mm)							
Total mass (kg)							
Mass-Inliner (kg)							
Brimful Capacity (I)							
Pneumatic Leagage Test			passed \square					
Visual inspection General cleanliness, seams, folds, closures, coatings inside/outside, no corrosion and no condensate inside, UN-Marking			passed \square					
Compliant to BAM-GGR 001 (German Dangerou	s Goo	ds Rules)	passed \square					
Type according to technical spedification dates .			yes / no					
Remarks:								
Inspector:		Com	pany stamp:					
Date:								

Packaging / Test Certificate / Sheet steel containers with bung hole with / without PE inner receptacle

Manufacturer:	Test Certificates No.:						
Test Certificate Sheet steel containers with removable lid with / without PE inner receptacle							
Packaging- Denomination:	Delivery / Production Quantity: Nominal sheet thickness: Material / Open-head drum: Material / Inliner:						
Customer/ Delivery Address:							
Lot-/Serial-No:	Purchase Order-No.:						
UN-Marking:	Packaging No.:						
Production Date:	Nominal Capac	ity:					
Requirements	Target	Actual					
Total Height (mm)						
Outer Diameter over the tension ring (mm)						
Total mass (kg)						
Mass-Inliner (kg							
Brimful Capacity (I)						
Pneumatic Leagage Test		passed \square					
Visual inspection General cleanliness, seams, folds, closures, coatings inside/outside, no corrosion and no condensate inside, lid, closing ring, UN-Marking		passed □					
Compliant to BAM-GGR 001 (German Dangerou	s Goods Rules)	passed \square					
Type according to technical spedification dates .		yes / no					
Remarks:							
Inspector:	Com	pany stamp:					
Date:							

Packaging / Test Certificate / Sheet steel containers with removable lid with / without PE inner receptacle

Manufacturer:	Te	est Certificat	es No.:				
Test Certificate Containers made of plastic with bung hole or removable lid							
Packaging- Denomination:	De	elivery / Produ	uction Quantity:				
Customer/	Ma	aterial:					
Delivery Address:	Ва	arrier Material	:				
Lot-/Serial-No:	Purchase Order-No.:						
UN-Marking:	Packaging No.:						
Production Date:	No	ominal Capac	ity:				
Requirements		Target	Actual				
Total Height (mm)						
Outer Diameter (mm)						
Mass with / without closure (kg)						
Brimful Capacity (I)						
Pneumatic Leagage Test			passed \square				
Barier Material			yes / no				
Visual inspection General cleanliness, no extrusion blow molding failer, closures, closing ring, lid, seal capability, colouring, UN-Marking passed □							
Compliant to BAM-GGR 001 (German Dangerou	s Go	ods Rules)	passed \square				
Type according to technical spedification dates			yes / no				
Remarks:							
Inspector:		Com	pany stamp:				
Date:							

Packaging / Test Certificate / Containers made of plastic with bung hole or removable lid

Manufacturer:	Test Certificate No.:								
Test Certificate Fibre Drums									
Packaging Production Date: Denomination:									
Customer / Delivery Address:	Delivery / Production Quantity: Material / Inliner:								
Lot- / Serial-No.:	Purchase Order-No.:								
UN-Marking:	Packaging-No.:								
Requirements	Target	Actual	Requirements		Target	Actual			
Total Height to top edge lid (mm)			Sheet thickness body	(mm)					
Outer Diameter (mm)			Number of plies						
Total mass (kg)			Sheet thickness / bottom	(mm)					
Nominal Capacity (I)			Sheet thickness / lid	(mm)					
Leak tightness Inliner			passed □]					
Visual inspection General cleanliness, closure, gas glueing, corrosion, printing, lid, closing ring, UN-Marking	ket, coatin	ngs,	pas	ssed []				
Compliant to BAM-GGR 001 (Ge	rman Danç	gerous Go	ods Rules) pas	sed [
Type according to technical speci	ification da	ated	yes	/ no					
Remarks:									
Inspector:			Company	stamp:					
Date:									

Packaging / Test Certificate / Fibre drums

Manufacturer:	Test Certificates No.:						
Test Certificate Cans and canisters made of plastic							
Packaging- Denomination:	Delivery / Production Quantity:						
Customer/	Ma	iterial:					
Delivery Address:	Ва	rrier Material	:				
Lot-/Serial-No:	Purchase Order-No.:						
UN-Marking:	Packaging No.:						
Production Date:	Nominal Capacity:						
Requirements		Target	Actual				
Total Height (mm	1)						
Total Width (mm	1)						
Total Length (mm	1)						
Outer Diameter (mm	1)						
Mass with / without closure (g)						
	l)						
Pneumatic Leagage Test			passed \square				
Barrier Material			yes / no				
Visual inspection General cleanliness, no extrusion blow molding failer, closures, seal capability, UN-Marking, colouring passed □							
Compliant to BAM-GGR 001 (German Dangerou	ıs Go	ods Rules)	passed \square				
Type according to technical spedification dates			yes / no				
Remarks:							
Inspector:		Com	pany stamp:				
Date:							

Packaging / Test Certificate / Cans and canisters made of plastic

Manufacturer:				Test Certificate No.:					
Test Certificate Cans and canisters made of metal									
Packaging Denomination: Customer / Delivery Address: Lot- / Serial-No.: UN- resp. RID/ADR-N	Marking:		De Ma Pu Pa	oduction Date: elivery / Production aterial: urchase Order-No.: uckaging-No.: ominal Capacity:	Quantity:				
Requirements		Target	Actual	Requirements	Target	Actual			
Total Height Total Length Total Width Outer Diameter Sheet thickness bottom Sheet thickness top Sheet thickness body Pneumatic Leakage Test Visual inspection General cleanliness, segaskets, printing, coating no corrosion and no corrosion an	ams, folds	outside,		Mass with / without closure (Tin coating (g/m Lid opening air flow propass	,	kPa			
Compliant to BAM-GGR	₹ 001 (Ger	man Danç	gerous Go	ods Rules) pass	ed 🗆				
Type according to techr	nical specif	fication da	ited	yes /	no				
Remarks:									
Inspector:				Company st	amp:				
Date:									

Packaging / Test Certificate / Cans and canisters made of metal

Manufacturer:	Test Certificates No.:			
Test Ce Bottles ma				
Packaging- Denomination: Customer/ Delivery Address: Lot-/Serial-No: UN-Marking:	De Ma Pu Pa	Production Date: Delivery / Production Quantity: Material: Purchase Order-No.: Packaging No.: Nominal Capacity:		
Requirements	· ·	Target	Actual	
Total Height (mn	n)			
Total Width (mn	n)			
Total Length (mn	n)			
Outer Diameter (mn	n)			
Wall thickness (mn	ר)			
Weight (g	g)			
Pneumatic Leagage Test			passed \square	
Visual inspection General cleanliness, no particle inclusions, thin performation, pinch-off welds and flashes, surfaction, colouring, UN-Marking			ed 🗆	
Compliant to BAM-GGR 001 (German Dangerou	ıs Go	ods Rules)	passed \square	
Type according to technical spedification dates			yes / no	
Remarks:				
Inspector:		Com	pany stamp:	
Date:				

Packaging / Test Certificate / Bottles made of plastic

Manufacturer:	Те	Test Certificate No.:								
Test Certificate Bottles made of aluminium										
Packaging Denomination: Customer / Delivery Address: Lot- / Serial-No.: UN-Marking:	ination: Delivery / Production ner / Material: Purchase Order-Noterial-Noterial-Noterial: Packaging-Noterial-Noterial-Noterial				antity:					
Requirements	Target	Actual	Requirements		Target	Actual				
Wall thickness bottom (mm)			Total mass (r	mm)						
Wall thickness top edges (mm)			Brimful Capacity	(I)						
Thickness body (mm)										
Total Height (mm)										
Outer Diameter (mm)										
Pneumatic Leakage Test			pa	ssed						
Visual inspection General cleanliness, no die marks or wrinkles, indentions, swaf, plastic packing ring, thread, UN-Marking passed □										
Compliant to BAM-GGR 001 (Ger	man Dang	gerous Go	ods Rules) pa	ssed						
Type according to technical specif	fication da	ted	yes	s / no						
Remarks:										
Inspector:			Company	stamp	D:					
Date:										

Packaging / Test Certificate / Bottles made of aluminium

Manufacturer:				Test Certificate N	lo.:		
		Te		ertificate			
Packaging Denomination: Customer / Delivery Address: Lot- / Serial-No.: UN-Marking:	Flexible IBC Production Date: Delivery / Production Quantity: Purchase Order-No.: Packaging No.: Nominal Capacity:						
Dimensions		Target	Actual	Dimensions		Target	Actual
	(mm)	rangot	Autaui	Filling shute-lenght	(mm)	rargot	7101441
	(mm)			Filling shute-Ø	(mm)		
	(mm)			Discharge shute-lenght	(mm)		
•	(mm)			Discharge shute-Ø	(mm)		
Film Thickness Inliner ((mm)			Apron			
Length Inliner ((mm)			L x B x H / d x h	(mm)		
Requirements	equirements Target Actual						
Type of fabric/		Body					
Grammage		Тор					
(g / m^2)		Apron					
		Bottom					
		Filling sh	ute				
		Discharg					
Dimenions Inliner		Length	(mm)		1		
		Width	(mm)		1.		
Material Inliner:							
Nominal working load (SV	NL):			kg			
Safety Factor (SF):							
Antistatic finish:				yes / no			
UV-stabiliser:				yes / no			
Visuat inspection General cleanliness, no fa UN-Marking, printing, inlin			sures,	passed			
Compliant to BAM-GGR 001 (German Dangerous Goods Rules) passed □							
Type according to technical specification dated yes / no							
Remarks:	-1			,==			
Inspector:				Compan	y stamp):	
Date:							

Packaging / Test Certificate / Flexible IBC

Manufacturer:	Test C	ertificate No	.:				
			rtifica ard IBC	ite			
Packaging Production Date: Denomination: Delivery / Production Quantity:						:	
Customer / Delivery Address:	Purchase Order-No.:						
Lot- / Serial No.:			Packag	ing No.:			
UN-Marking:			Nomina	al Capacity:			
Internal Dimensions							
Length (mm)	Width (m	ım)	Heiç	ght (mm)	Thickne	ess (mm)	
Target Actual	Target	Actual	Target	Actual	Target	Actual	
Composition	Pap	er grade	-	Grammage (g/m²)			
Outer cover				Target		Actual	
Corrugation							
Intermediate cover							
Corrugation							
Inner cover							
Requirements	•			Target		Actual	
Burst resistance DIN EN	SO 2759 (Pa)						
Top to bottom compression	on resistance DIN	EN ISO 12	.048 (N)				
Puncturing energy DIN 53	3 142		(J)				
Edge crush resistance DI			(kN/m)				
Water absorption DIN EN			(g/m²)				
Stability of longitudinal ed	<u> </u>	(N/	100 mm)				
Wet strengt hof the glue by Visual Inspection General cleanliness, top for creasing, printing, UN-Ma	laps, manufacture	er's joint,		,	/ no		
Compliant to BAM-GGR (001 (German Dan	gerous Goo	ods Rules)	pas	sed □		
Type according to technic				•	/ no		
Remarks:							
Inspector:				Company	stamp:		
Date:							
Packaging / Test Certificate / Car	dhard IDC						

Packaging / Test Certificate / Cardbord IBC

Manufacturer:	Test Certific	ate No.:							
Test Certificate Metal IBC, rigid plastic IBC, composite IBC									
Packaging Denomination:			Delivery / Pro	duction	Quantity:				
Customer / Material / Outer Delivery Address: Material / Inline				-	otacle:				
Lot- / Serial-No.: Purchase Order-No.:									
UN-Marking: Packaging-No.:									
Production Date:			Nomal Capacity:						
Requirements	Target	Actual	Requirements		Target	Actual			
Overall Length (mm)			Total mass	(kg)					
Overall Width (mm)			Mass Inliner	(kg)					
Overall Height (mm)			Wall thickness	(mm)					
Brimful Capacity (I)									
Pneumatic Leakage Tes	st			passe	d □ yes/	no			
Pallet / Timber quality:									
Visual Inspection General cleanliness, fastenings, seams, no condensate inside, closures, fittings, UN-Marking passed □									
Clompliant to BAM-GGF	R 001 (Gern	nan Danger	ous Goodes Rules)						
Type according to techr	nical specific	cation dated		yes / n	10				
Remarks:									
Inspector:			Co	ompany st	amp:				
Date:									

Packaging / Test Certificate / Metal IBC, rigid plastic IBC, composite IBC

Manufacturer:				Test Certificate No.:			
Test Certificate Packaging made of corrugated cardboard							
Packaging UN-Marking: Denomination: Production Date:							
Customer / Delivery Address:				Delivery / Production Quantity: Purchase Order-No.:			
Lot- / Ser	ial-No.:			Packagi	ng No.:		
Internal Di	mensions						
Lengtl	n (mm)	Width	(mm)	Heig	ht (mm)	Thickne	ess (mm)
Target	Actual	Target	Actual	Target	Actual	Target	Actual
Compositi							
Composition	on		Paper grade		Grammage (g/m²) Target Actual		
Outer cover	•				Target		Actual
Corrugation							
Intermediat							
Corrugation							
Inner cover							
		-		*		*	
Requireme					Target		Actual
	Burst resistance DIN EN ISO 2759 (Pa)						
	•		DIN EN ISO 12	` '			
	energy DIN 53		7	(J)			
	Edge crush resistance DIN EN ISO 3037 (kN/m) Water absorption DIN EN ISO 535 (g/m²)						
Water absorption DIN EN ISO 535 (g/m²) Wet strengt hof the glue bond DIN 53 133 yes / no							
Visual Inspection General cleanliness, manufacturer's joint, top flaps, creasing, printing, UN-Marking passed □							
Compliant to BAM-GGR 001 (German Dangerous Goods Rules) passed □							
Type according to technical specification dated							
Remarks:							
Inspector: Company stamp:							
Date:							

Packaging / Test Certificate / Packaging made of corrugated cardboard

Manufacturer:			Test C	Test Certificate No.:			
Test Certificate Bags and Sacks							
Packaging Denomination: Customer / Delivery Address: Lot- / Serial-No.: Requirements		UN-Marking: Production Date: Delivery / Production Quantity: Purchase Order-No.: Packaging-No.: Grammage (g/m²) Film thickness (μm)					
			Target	Actual	Target	Actual	
Ply 1 Outside ply Ply 2							
Ply 3							
Ply 4							
Ply 5							
Ply 6							
Ply 7	= .				 		
Dimensions	Target	Actual	Dimensions	()	Target	Actual	
Width (mm)			Valve width	(mm)			
Length (mm)			Valve lenght	(mm)			
Bottom width (mm)					 	T	
Gusset dimension (mm)			PE-Inliner		Target	Actual	
Weight (g)			Width	(mm)			
			Length	(mm)			
Welding seam stability				passed \square			
Leak thightness		passed \square					
Antistatic finish				yes / no			
UV-protected				yes / no			
Visual Inspection General cleanliness, se valve open recess, valv colouring, printing, UN-	e design,	ing,		passed □			
Compliant to BAM-GGF	ous Goods Rules)	passed \square					
Type according to tech	j	yes / no					
Remarks:	· ·			,			
Inspector:				Company sta	ımp:		
Date:							

Packaging / Test Certificate / Bags and Sacks

Manufacturer:		Test Certification	-No.:		
Test Certification Shrink and stretch Wrap					
Packaging Denomination: Customer / Delivery Address: Lot- / Serial-No.:		Production Date: Delivery / Production Quantity: Material: Purchase Order-No.: Packaging No.:			
Requirements		Target	Actual		
Total Width	(mm)	- A. g			
Total Length	(mm)				
Gusset	(mm)				
Film thickness	(µm)				
Grammage	(g/m²)				
Reel diameter	(mm)				
Core diameter	(mm)				
Shrink values / longitudinal	(%)				
Shrink values / transverse	(%)				
Colouring		yes / no			
Printing		yes / no			
Marking		yes / no			
Antistatic finish		yes / no			
UV-Stabilisation		yes / no			
Visual Inspection General cleanliness, border ma	arking, welds	passed			
Type according to technical sp	ecification dated	yes / no			
Remarks:					
Inspector:		Compan	y stamp:		
Date:					

Packaging / Test Certificate / Shrink and stretch wrap

Manufacturer:	Test Certificate-	Test Certificate-No.:			
Test Certificate Boxes made of wood / wooden materials					
Packaging Denomination: Customer / Delivery Address:	Production Date: Delivery / Production Quantity: Material: Purchase Order-No.:				
UN-Marking: Packaging No.:					
External dimensions	Target	A	ctual		
Total Height (mm)					
Total Width (mm)					
Total Length (mm)					
Board thickness (mm)					
Fasteners		passed			
Visual Inspection General cleanliness, surface condition, no spits, knot holes, splinters and overlapping fasteners, clear printing, UN-Marking passed □					
Compliant to BAM-GGR 001 (German Dange	passed				
Type According to technical specification dated yes / no					
Remarks:					
Inspector: Company stamp:					
Date:					

Packaging / Test Certificate / Boxes made of wood / wooden materials

Manufacturer:			Test Certificate-No.:			
Test Certificate Pallets from wood						
Packaging Denomination: Customer / Delivery Address: Lot- / Serical-No.:		P D P	Marking: Production Date: Delivery / Production Quantity: Purchase Order-No.: Packaging-No.:			
Dimensions	Lengtl	h (mm)	Width	(mm)	Height/Thic	kness (mm)
	Target	Actual	Target	Actual	Target	Actual
Deck boards						
Deck boards						
Stringer boards						
Bottom boards						
Bottom boards						
Blocks						
Materials / Woods	Target Actual					
Deck boards						
Stringer boards						
Bottom boards						
Blocks						
Visual Inspection General cleanliness, square edged, no knot holes, spits, tree bark, splinters and midlewed wood; passed □ fasteners, printing						
Type according to technical specification dated yes / no						
Remarks:						
Inspector:			(Company st	tamp:	
Date:						

Packaging / Test Certificate / Pallets from wood

Manufactuer:	Test Certificate-N	No.:			
Test Certificate Foam moulded parts					
Packaging Denomination:	Production Date: Delivery / Production Quantity:				
Customer /	Material:	,			
Delivery Address:	Purchase Order-N	o.:			
Lot- / Serial-No.:	Packaging-No.:				
UN-Marking:					
Requirements	Target	Actual			
Total overall length (mm)					
Total overall width (mm)					
Total overall height (mm)					
Special dimensions 1 (mm)					
Special dimensions 2 (mm)					
Moisture (%)					
Volume weight (g/l)					
Completed weight (g)					
Welding / Fracture behaviour		passed □			
Visual Inspection General cleanliness, no particle inclusions, defective foam, spits and formation of cracks and crack elements, no deformation and flashes, defect in colour, surface condition, UN-Marking passed □					
Compliant to BAM-GGR 001 (German Dang	erous Goods Rules)	passed \square			
Type according to technical specification dat	ted	yes / no			
Remarks:					
Inspector:	(Company stamp:			
Date:					

Packaging / Test Certificate / Foam moulded parts