

Natural Rubber product selector

SAO PAULO - GUANGZHOU - HONG KONG - ALICANTE



Characteristics	Standard Prevulcanised Compounds								Low Nitrosamine Compound				2-Part Compound			NH3 Free / Ultra low NH3			Specialty																	Disp.								
	LA	LA10/00 1 A + B	LR	MR	HR	HR 8/006	MRS	HMR10	LAN 960MAL	LAN 2/002	LAN 2/007 E	LAN 2/009	VRB 884 ²	VRB 4/001 ²	VRB 4/018 ²	LCTX- AF	U-LCTX	U-MR	VRB 994 Clear	VRB 913 Clear	MLA21	HLA21	CT03	FC03 TM	MD3863 KL White	LPTX 3/002	LCTX 5/001	LCTX 5/003	STD ³ Revertex	LCS ³ Revertex	HCE68	HCE68 HV	1497C- 65	Graftex 49	KCB300	KCB500	AT-2	Chemical Dispersion						
Latex Type (NH ¹ level)	Low	Low	High	High	High	High	High	Fairly High	Low	Low	Low	Low	High	High	High	Free	Ultra low	Ultra low	High	High	Low	Low	High	High	High	Low	High	High	High	Low	High	High	Cationic	Grafted	-	-	Water based polymer	-						
Modulus	Medium	High	Low	Medium	High	High	Medium	High	Medium	Low	Medium	Low	-	-	-	-	-	Medium	-	Low	Medium	High	High	Medium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clarity	High	-	High	High	High	-	-	High	Medium	High	High	High	-	-	-	Excellent	Excellent	High	-	-	Excellent	Excellent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Toxicity	Low	-	Low	Low	-	-	-	-	Low	Low	Low	Low	-	-	-	-	-	-	-	Low	Low	Low	Low	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mechanical Stability ⁴	-	Excellent	Good	Good	Good	Good	Excellent	Good	Good	Good	Good	Good	Excellent	Excellent	Excellent	Good	Good	Good	Good	Good	Good	Good	Good	Good	Excellent	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Good	Excellent	Excellent	Good	Good	Good	Good	-	-				
Storage Stability	Good	Good	Excellent	Excellent	Good	Good	Excellent	Excellent	Good	Good	Good	Good	Good	Good	Good	-	-	-	Good	Good	Excellent	Excellent	Good	Good	-	-	-	Good	Good	Excellent	-	-	Good	Good	-	-	-	-	-	-	-	Good		
Free-thaw Resistance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Others	-	High heat resistant latex	-	-	-	-	-	Good sterilisation resistance	Passes EU/FDA nitrosamine test				-	-	Passes Std. EN 455-2	Nitro- samine free	Ultra low Ammonia	-	-	-	-	-	-	-	-	-	Low protein	-	-	-	-	-	-	-	-	High solid & viscosity	High solid	-	-	-	-	Excellent donnability		
Typical Properties																																												
Collodial																																												
TSC (%)	60.5	60	60.5	60.5	60.5	60	60.5	60.5	60.5	60.5	60.5	60.5	60	60	60.5	61.5	61.3	60.5	59.5	60	60.5	60.5	58	60	58.5	60.5	61	60.5	72.3	67.3	68.0	68.0	65.0	50.0	65.0	65.0	36.0	50.0						
NH ¹ Content (%)	0.3	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.35	0.3	0.35	0.3	0.68	0.68	0.68	0.00	0.05	0.05	0.6	0.6	0.3	0.3	0.6	0.65	0.6	0.35	0.6	0.6	0.95	0.3	0.60	0.60	-	0.60	-	-	-	-	-					
pH	10.2	10.2	10.5	10.5	10.5	10.5	10.5	10.5	10.2	10.2	10.5	9.9	10.5	10.5	10.5	9.5	9	9	10.5	10.5	10.2	10.2	10.5	10.5	10.5	10.2	10.5	10.5	11.0	11.0	10.5	10.5	4.5	10.5	10.5	10.5	8.0	10.5						
Viscosity Brookfields (cps)	-	-	85 (2/60) ¹	90 (2/60) ¹	90 (2/60) ¹	-	-	-	-	-	-	-	-	67.5 (1/30) ¹	-	-	-	110 (2/60) ¹	-	-	-	-	-	-	-	-	70-100 (1/30) ¹	-	6000 (4/60) ¹	1500 (4/60) ¹	1200 (4/60) ¹	1450 (4/60) ¹	400 (4/60) ¹	200 (2/60) ¹	5k-7k (4/30) ¹	6k-10k (4/30) ¹	-	-	300 (2/60) ¹					
Ford-cup3 (sec)	35	30	30	35	35	30	30	35	45	30	40	35	25	-	30	35	35	35	40	30	35	30	35	30	25	30	-	32	-	-	-	-	-	-	-	-	-	-	-					
MST (sec)	1000	3000	1000	1000	1000	1000	2500	1000	1000	1200	1000	>1000	3500	3500	2750	1000	1150	1500	1300	1500	1000	1500	1000	1000	1800	2500	1300	1800	-	-	800	>1800	>1800	>1000	1800	1800	-	-	-					
Physical																																												
M700 (Mpa)	11	20.0*	9.3	12.5	15.5	18	13.5	14.5	11.8	7.5	10	10	15.0*	14.0*	9.0N*	-	-	12.5	12	9	11.3	14	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Tensile Strength (Mpa)	25	30.0*	28	28	25	27	25	27.5	28	30	30	30	28.0*	30.0*	30.0*	-	-	28	-	-	25	25	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
EB (%)	-	800*	950	950	800	800	-	815	850	925	900	900	820*	860*	760*	-	-	900	-	-	-	-	925	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Particle Size (µm)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Applications																																												
Gloves (types)	Exam	-	-	Exam & household	-	-	-	Surgeon, exam & household	-	-	-	-	Surgeon & exam	Exam	Exam	-	-	-	Hse hold & Industrial	-	-	Electrician & exam	Electrician	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Catheters	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Condoms	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Teats & Soothers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Balloons	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Cating Products	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Can Sealant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Binder	-	-	-	Rubber crumb	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Coatings	-	-	-	-	Fur fabric	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Finger Cots	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Carpet Backing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Adhesive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Road Making	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Others	Tubing	(e)	-	-	-	-	-	Ultra thin condom	-	-	-	-	-	-	-	-	-	Body Painting	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Reinforcing agent	-	-	Detackifier	(d)	



1: Number given in bracket shows spindle size/speed
 2: Dipped film of typical exam glove thickness of 0.12-0.15mm tested in accordance with ASTM D3578-77
 3: KOH preserved
 4: Mechanical stability "Good": 900-1800 sec; "Excellent": 1800 sec minimum
 *: Figures given are for the activated 2-part compound
 (a) Base latex for compounding
 (b) Base latex for thin film product
 (c) Water proofing membrane compound
 (d) For latex compounding
 (e) High heat (160°C) resistance rubber sheet