

BAYPREN[®] 230 MV 100±8

Product Description	Poly (2-chlorobutadiene-1,3), CR, mercaptan grade with medium crystallization tendency
Supply Form	Ivory-colored chips, talc-coated

Raw Material Properties

Property	Nominal Value	Unit	Test Method
Mooney Viscosity UML (1+4) 100°C	100 ± 8	MU	ISO 289/ASTM D 1646
Volatile matter (3h at 105°C)	max. 0.5	wt %	acc. to ISO 248/ASTM D 5668

Other Product Features

Property	Typical Value		
Specific gravity	1.23		
Total Ash	≤ 1.0	wt %	ISO 247 Meth. C/ASTM D 5667
Solubility	Soluble, e.g. in aromatic solvents		
Cure Characteristics	*Test formulation according to ISO 2475-1990 (based on carbon black IRB 7) Rheometer Monsanto MDR 2000, 150°C (302°F)/30 min		
	Property	Value	Test Method
	ts2	1.3 ± 0.5 min	PC Test method A 420
	t'10	1.3 ± 0.5 min	PC Test method A 420
	t'80	12.7 ± 2.4 min	PC Test method A 420
	S´max	24.8 ± 3.7 dNm	PC Test method A 420
*Test formulation	Polymer	100 phr	
	Stearic acid	0.5 phr	
	IRM 341 (MgO)	4.0 phr	
	Carbon black IRB 7	30 phr	
	IRM 91 (ZnO)	5.0 phr	
	Rhenogran ETU-80 (80%)	0.63 phr	

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Packaging	25-kg paper bags with PE inner bags (0.05 mm thick, Vicat softening point DIN 53 460, ca. 75°C); 35 bags per pallet = 875 kg net
Shelf life	12 months from date of production at temperatures not exceeding 25°C during transport and storage, store and transport under dry conditions; exposure to light has to be avoided; protect open skids from light / sunlight.

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