

BAYPREN[®] 510 Mooney Viscosity 50 ± 5

Product Description

Poly (2-chlorobutadiene-1,3), sulfur-modified with medium crystallization tendency

Supply Form

Ivory-colored chips, talc-coated

Raw Material Properties

Property	Nominal Value	Unit	Test Method
Mooney Viscosity ML(1+4) 100°C	50 ± 5	MU	ISO 289/ASTM D 1646
Volatile matter 105°C, 3h	max. 0.5	wt %	ISO 248/ASTM D 5668

Other Product Features

Property	Typical Value					
Specific gravity	1.23					
Total Ash	max. 1.0 wt % ISO 247, Meth.C					
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/30 min					
	ts02	2.2	+-	1.2	min	PC Test method A 420
	t10	1.9	+-	1.2	min	PC Test method A 420
	t80	7.5	+-	2.5	min	PC Test method A 420
	Smax	19.3	+-	2.0	dNm	PC Test method A 420

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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
Packaging	25 kg paper bags with PE inner bags (0.05 mm thick, Vicat softening point DIN 53 460, ca. 75 °C). 40 bags per pallet = 1000 kg net		
Shelf-life	6 month from date of production at temperatures not exceeding 25 °C in dry conditions; exposure to light has to be avoided.		
Product Safety	Relevant safety data and references as well as the necessary hazard warning labels are to be found in the safety data sheet no. 073915.		

These raw material properties are typical and, unless specifically indicated otherwise, are not to be considered as delivery specification.

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