

Buna CB 1221

Product Description

Buna CB 1221 (former Taktene® 221) is a medium Mooney viscosity, solution polymerized, high cis-1,4-polybutadiene rubber, not oil extended.

Plant : Orange (Tx)

Supply Form

Rubber bales wrapped in polyethylene foil.

Raw Material Properties

Property	Nominal Value	Unit	Test Method
Volatile matter	max. 0,75	% by wt	ISO 248 / ASTM D 5668
Mooney Viscosity	53	ME	ISO 289 / ASTM D 1646
cis 1,4 content	min. 96	% by wt	IR-Spectroscopy
Density	approx. 0,91	g/cm ³	
Stabilizer	non-staining		

Other Product Features

Property	Typical Value		
Vulcanisation Properties	Property	Value	Test Method
	S´min	2,6 - 5,4dNm	ISO 6502 / ASTM D 5289
	S´max	16,5 - 24,5dNm	ISO 6502 / ASTM D 5289
	ts01	0,4 - 4,2min	ISO 6502 / ASTM D 5289
	t50	5,3 - 9,3min	ISO 6502 / ASTM D 5289
	t90	8,7 - 13,5min	ISO 6502 / ASTM D 5289
Test formulation according to ISO 2476 ASTM-D 3189 (based on IRB 7)			
Monsanto Rheometer MDR 2000E 160°C/30min alpha =+-0,5°arc			



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Use	Typical applications are technical rubber products and tires; Buna CB 1221 can be blended with NR for goods having thick sections and needing high resistance to reversion, e.g. buffers, roll covers needing high abrasion resistance; seals, profiles and other goods, particularly those produced by injection molding.		
Packaging	Bale weight	35,6	kg
	Nominal bale size	71 x 35 x 19	cm
	Nominal crate weight	~1282	kg
	Crate size	1465x1150x1098	mm
Storage Life/Conditions	Buna CB 1221 should be stored in a cool, dry place at temperatures below 35°C. Exposure to light must be avoided. Under suitable conditions the product is stable for 36 months.		
Marking	Grade / Lot number / Crate number / Net weight		
Product Safety	Relevant safety data and references as well as the necessary hazard warning labels are to be found in the safety data sheet.		

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

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