

Buna CB 550 SI

Product Description

Buna CB 550 SI is a solution medium cis polybutadiene polymer produced with an organo lithium catalyst. CAS No.: 9003-17-2

The rubber is protected by a stabiliser system which is in chemical compliance with the FDA regulation §177.1640, the recommendation VI of the Federal Institute for Risk Assessment and the Commission Directive 2002/72/EC respectively its further amendments including 2004/19/EC.

Plant : Pt. Jérôme

Supply Form

Rubber bales wrapped in polystyrene foil.

Raw Material Properties

Property	Nominal Value	Unit	Test Method
Volatile Matter	max. 0,75	% by wt	MO AQ 255 LAB
Mooney Viscosity	54	ME	ASTM D 1646
Solution viscosity (5,43% in toluene)	163	mPa·s	MO AQ 272 LAB
styrene insoluble (wet gel)	max. 150	ppm	MO AQ 259 LAB
Colour Yellowness Index(Bulk rubber)	max. 4,5		MO AQ 502 LAB

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Other Product Features

Property	Typical Value		
Use	Buna CB 550 SI is used for the production of ABS and HIPS. For HIPS it is used either alone or in blend with Buna CB 565 T or with SB-Polymers to achieve polystyrene with improved surface gloss. In blends with Buna CB 530 T it is possible to attain an improved stress cracking resistance.		
Typical Value	ash content	max. 0,2	% by wt
	amount of stabiliser	min. 0,25	% by wt
	vinyl content	11	% by wt
	cis 1,4 content	38	% by wt
	trans 1,4 content	51	% by wt
Solubility	Buna CB 550 SI rubber is soluble in aliphatic hydrocarbons, styrene, toluene, tetrahydrofurane, methylene chloride, 1,1,1-trichloroethane and cyclohexane, and is insoluble in alcohols and water.		
Packaging	Bale weight	33,0 +-0,6	kg
	Nominal bale size	71 x 35 x 17	cm
	Nominal crate weight	~1188	kg
	Crate size	1465x1150x1098	mm
Storage Life/Conditions	Buna CB 550 SI 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 12 months.		
Marking	Grade / Lot number / Crate number / Net weight		
Product Safety	Literature on the health and safety aspects of this product has been published. Before working with this product, personnel must be familiarised with its hazards, proper use, and handling. The available information is summarised 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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