

SIBUR Synthetic Rubber NBR 1845

Acrylonitrile Butadiene Rubber

SIBUR

Message:

NBR 1845 and NBR 1855 are essentially an acrylonitrile (17-20 %) and 1,3-butadiene copolymer obtained by emulsion polymerization method with the use of fatty acid soaps as emulsifier in accordance with the ecologically clean technology. Low content of acrylonitrile, good frost-resistance, satisfactory oil resistance.

Product characteristics: Appearance - bales of light-yellow to pink or light-beige color depending on used antioxidant; weight of a bale - (30 ± 1) kg; packing - a plastic container 540 kg; shelf life - one (1) year since the date of manufacture.

General Information			
Additive	Antioxidation		
Features	Copolymer		
	Antioxidation		
	Oil resistance		
Appearance	Pink		
	Yellow		
	Light beige		
Forms	bag		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 100°C)	42 - 48	MU	ASTM D1646
Acrylonitrile Content	17.0 - 20.0	%	Internal method
Ash Content		%	ASTM D5667
Volatile Matter		%	ASTM D5668
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 17.6	MPa	ASTM D3189
Tensile Elongation (Break)	> 450	%	ASTM D3189

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