

SIBUR Synthetic Rubber SKN 3345 E

Acrylonitrile Butadiene Rubber

SIBUR, LLC

Message:

SKN 3345 E is essentially an acrylonitrile (31-35 %) and 1,3-butadiene copolymer obtained by emulsion polymerization method at a temperature of 32 °C with the use of phylogenous fatty acid soaps as emulsifier in accordance with the ecologically clean technology. Medium Mooney viscosity, medium content of acrylonitrile, heightened oil resistance.

Application

The manufacturing of cables, packing, sleeve gaskets, fuel hoses, roll coatings, technical plates, rubberized materials, belts, sealants, adhesives, shoe soles, plastic modification.

General Information			
Additive	Antioxidation 2		
Features	Antioxidation		
	Fuel resistance		
	Oil resistance		
	Medium viscosity		
Uses	Conveyor belt repair		
	Wire and cable applications		
	Washer		
	Pipe		
	Sealant		
	Coating application		
	Footwear		
	Adhesive		
Appearance	Yellow		
Forms	Pack 3		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 100°C)	42 - 48	MU	Internal method
Acrylonitrile Content	31.0 - 35.0	%	Internal method
Ash Content		%	Internal method
Volatile Matter		%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	> 22.5	MPa	Internal method
Tensile Elongation ² (Break)	> 450	%	Internal method
Additional Information			

Recipe (Mass fraction):

Rubber = 100.0

Technical stearic acid acc. GOST 6484, grades T-18 or T-32 = 1.0

Dry zinc oxide acc. GOST 202, grade BCOM = 3.0

Vulcanizing accelerator TBBS acc. Specifications TY 2491-055-05761637 = 0.7

Carbon black acc. GOST 7885, grade P-324 = 40.0

Technical sulfur acc. GOST 127.4, grade 9995 or 9990, class 1 or 2 = 1.5

Total = 146.2

NOTE

1. Vulcanization mode of samples:
142° × 50 min.

2. Vulcanization mode of samples:
142° × 50 min.

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