

Network Polymers SBN 150

Styrene Butadiene Acrylonitrile Terpolymer

Network Polymers, Inc.

Message:

Network Polymers SBN 150 is a styrene-butadiene-acrylonitrile terpolymer (SBA) product. It is available in North America. Typical application areas are: food contact applications.

General Information			
Agency Ratings	FDA 21 CFR 177.1640		
	FDA 21 CFR 181.32		
	FDA 21 CFR 181.32(a)(3)(ii)		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) ¹ (200°C/5.0 kg)	7.4	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	45.5	MPa	ASTM D638
Tensile Elongation ³ (Break)	10	%	ASTM D638
Flexural Modulus - Tangent ⁴	2070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	82.8	°C	ASTM D648
Vicat Softening Temperature	98.9	°C	ASTM D1525 ⁵
NOTE			
1.	Procedure A		
2.	51 mm/min		
3.	51 mm/min		
4.	1.3 mm/min		
5.	压力1 (10N)		

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