VECTOR® 2411

Styrene Butadiene Block Copolymer

Dexco Polymers LP

Message:

VECTOR 2411
Styrene-Butadiene (SB)n Block Copolymer
Radial (SB)n block copolymer.
Contains ~10% SB diblock copolymer.
Medium styrene, high modulus copolymer.
Supplied as a porous pellet, dusted with talc.
VECTOR styrenic block copolymers find use under certain regulations as articles or as ingredients in articles intended for food contact or medical applications. Please contact your Dexco Polymers agent for a detailed letter of certification or further information.
VECTOR 2411 styrene-butadiene block copolymer is produced via anionic polymerization technology from Dexco Polymers LP, a Dow/ExxonMobil Venture.
It is a very high viscosity product. It has outstanding physical strength and is designed for use in asphalt modification, elastomeric compounds, and adhesive formulations.

General Information	
Features	Copolymer
	Food Contact Acceptable
	High Strength
	Porous
	Ultra High Viscosity
Uses	Adhesives
	Asphalt Modification
	Compounding
Forms	Pellets
Processing Method	Compounding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.938	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	< 1.0	g/10 min	ASTM D1238
Solution Viscosity	21	mPa·s	ASTM D2196
Ash Content	0.5	wt%	ASTM D1415
Styrene Content	30.0	wt%	Internal Method
Diblock Content - SB	12	%	Internal Method
Volatiles	0.3	wt%	Internal Method

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 1 sec)	71		ASTM D2240

Elastomers	Nominal Value	Unit	Test Method
Tensile Stress [1] (300% Strain, 25°C)	4.48	MPa	ASTM D412
Tensile Strength [2] (Yield, 25°C)	27.6	MPa	ASTM D412
Tensile Elongation [3] (Break, 25°C)	730	%	ASTM D412

NOTE	
1.	5 Wt. % in toluene
2.	5 Wt. % in toluene
3.	5 Wt. % in toluene

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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