

VECTOR® 2518PC

Styrene Butadiene Styrene Block Copolymer

TSRC Corporation

Message:

Linear SBS triblock copolymer.
Contains <1% diblock copolymer.
Medium styrene, medium modulus.
VECTOR 2518PC styrenic block copolymer is a linear triblock copolymer with a narrow molecular weight distribution. It is well-suited for use as an impact/toughness modifier in blends with styrenics and in engineering plastics. It is formulated with the antioxidant tris(nonylphenyl) phosphite (TNPP). VECTOR 2518PC SBS is offered as a <12 mesh powder, supplied from the United States.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Narrow Molecular Weight Distribution		
Uses	Blending		
	Plastics Modification		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.938	g/cm ³	ASTM D792
Apparent Density	0.34	g/cm ³	ASTM D1895
Melt Mass-Flow Rate (MFR) (200°C/10.0 kg)	5.0	g/10 min	ASTM D1238
Bound Styrene	31.0	%	
Ash Content	5.0	wt%	
Solution Viscosity - 25 wt% in Toluene 25°C (25°C)	3.9	Pa · s	
Diblock Content	< 1.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 1 sec, Compression Molded)	80		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (300% Strain)	4.20	MPa	Internal Method
Tensile Strength ² (Break)	33.0	MPa	Internal Method
Tensile Elongation ³ (Break)	700	%	Internal Method
NOTE			
1.	Compression Molded		
2.	Compression Molded		
3.	Compression Molded		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

