

Emulprene® 10140

Emulsion Styrene Butadiene Rubber

INSA

Message:

Description:

10140 is a product manufactured by mixing a cold styrene-butadiene copolymer containing 5.5% bound styrene (80%) with high styrene resin latex (20%), coagulated by salt-acid system and stabilized with a non staining antioxidant.

Applications:

E10140 masterbatch provides the user with an advantage through ease of processing and improved product quality, and it provides the stiffening effect to the final product. Is used in tires, footwear, sponges and other mechanical goods, etc.

General Information			
Features	Antioxidant		
	Copolymer		
	Stain Resistant		
Uses	Footwear		
	Masterbatch		
	Tires		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity			ASTM D1646
ML 1+4, 100°C ¹	39	MU	
ML 1+4, 100°C	21 to 28	MU	
Ash Content	< 0.80	%	ASTM D5667
Organic Acid	4.5 to 6.9	%	ASTM D5774
Soap	< 0.50	%	ASTM D5774
Styrene Content - Bound	20 to 22	%	ASTM D5775
Volatile Matter	< 1.0	%	ASTM D5668
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	12.6	MPa	ASTM D3185
Tensile Strength	17.0	MPa	ASTM D3185
Tensile Elongation (Break)	400	%	ASTM D3185
NOTE			
1.	Compound		

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Recommended distributors for this material

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