

# Emulprene® 1006

Emulsion Styrene Butadiene Rubber

INSA

## Message:

Description:  
E1006 is a hot emulsion styrene-butadiene copolymer, polymerized using a fatty acid emulsifier and coagulated with salt-acid. It is a very light color product stabilized with a non-staining antioxidant.

Applications:  
E1006 is recommended for light colored applications; for adhesives, tire white sidewalls, transport and transmission belts, sponge materials, sporting goods, flooring, colored shoe soles and heels.

General Information			
Features	Antioxidant		
	Copolymer		
	Stain Resistant		
Uses	Adhesives		
	Belts/Belt Repair		
	Footwear		
	Sporting Goods		
	Tires		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity			ASTM D1646
ML 1+4, 100°C <sup>1</sup>	68	MU	
ML 1+4, 100°C	45 to 55	MU	
Ash Content	< 1.0	%	ASTM D5667
Organic Acid	4.0 to 6.0	%	ASTM D5774
Soap	< 0.50	%	ASTM D5774
Styrene Content - Bound	23 to 25	%	ASTM D5775
Volatile Matter	< 0.75	%	ASTM D5668
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	15.6	MPa	ASTM D3185
Tensile Strength	25.0	MPa	ASTM D3185
Tensile Elongation (Break)	450	%	ASTM D3185
NOTE			
1.	Compound		

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Recommended distributors for this material

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