

Emulprene® 1509

Emulsion Styrene Butadiene Rubber

INSA

Message:

Description:

E1509 is a cold styrene-butadiene copolymer, used fatty and rosin acid as emulsifier, coagulated by salt-acid system and stabilized with a non staining antioxidant.

Applications:

E1509 is used in shoe sole formulations, sponge, industrial products.

General Information			
Features	Antioxidant		
	Copolymer		
	Stain Resistant		
Uses	Footwear		
	Industrial Applications		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity			ASTM D1646
ML 1+4, 100°C ¹	< 74	MU	
ML 1+4, 100°C	30 to 40	MU	
Ash Content	0.0 to 1.0	%	ASTM D5667
Organic Acid	> 4.3	%	ASTM D5774
Soap	0.0 to 0.50	%	ASTM D5774
Styrene Content - Bound	23 to 25	%	ASTM D5775
Volatile Matter	< 1.0	%	ASTM D5668
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	13.2 to 18.8	MPa	ASTM D3185
Tensile Strength	> 20.0	MPa	ASTM D3185
Tensile Elongation (Break)	> 350	%	ASTM D3185
NOTE			
1.	Compound		

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