

Emulprene® 1013A

Emulsion Styrene Butadiene Rubber

INSA

Message:

Description:
E1013A is a styrene-butadiene copolymer, hot polymerized using a fatty acid soap. Previously to the alum-acid coagulation, a non-staining stabilizer is added in the manufacturing process.

Applications:
E1013A is suitable for adhesive applications it is particularly used for can-sealing compounds, tire liners, mechanical goods, including auto mounts, and household products.

General Information			
Features	Copolymer		
	Good Adhesion		
	Stain Resistant		
Uses	Adhesives		
	Automotive Applications		
	Household Goods		
	Liners		
	Sealants		
	Seals		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity			ASTM D1646
ML 1+4, 100°C ¹	55 to 65	MU	
ML 1+4, 100°C	40 to 50	MU	
Ash Content	< 1.0	%	ASTM D5667
Organic Acid	3.5 to 5.5	%	ASTM D5774
Soap	< 0.30	%	ASTM D5774
Styrene Content - Bound	42 to 45	%	ASTM D5775
Volatile Matter	< 1.0	%	ASTM D5668
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	14.0 to 16.0	MPa	ASTM D3185
Tensile Strength	20.0 to 24.0	MPa	ASTM D3185
Tensile Elongation (Break)	300 to 500	%	ASTM D3185
NOTE			
1.	Compound		

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