

Emulprene® 1502A

Emulsion Styrene Butadiene Rubber

INSA

Message:

Description:
E1502A is a styrene-butadiene copolymer, cold polymerized using fatty and rosin acid soap. Previously to the alum-acid coagulation, a non-staining stabilizer is added in the manufacturing process. The product does not contain nitrosamine promoters.

Applications:
E1502A is substitute of the natural rubber in wide range of compounds, offering advantages of light colour, uniformity and low levels of impurities. It's good flow characteristics produce improvements in mixing and moulding behavior, it is used for food and pharmaceutical packaging and seals, baby bottle teats and health care, adhesives, chemical derivatives of rubbers.

E1502A is manufactured to the highest standards but special requirements apply to certain sensitive applications such as food contact and pharmaceuticals. Reference should always be made to local legislation regulating these applications.

General Information			
Features	Copolymer		
	High Flow		
	Stain Resistant		
Uses	Adhesives		
	Food Packaging		
	Medical/Healthcare Applications		
	Pharmaceutical Packaging		
	Rubber Replacement		
	Seals		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity			ASTM D1646
ML 1+4, 100°C ¹	75	MU	
ML 1+4, 100°C	47 to 55	MU	
Ash Content	< 0.80	%	ASTM D5667
Organic Acid	4.9 to 7.1	%	ASTM D5774
Soap	< 0.30	%	ASTM D5774
Styrene Content - Bound	23 to 25	%	ASTM D5775
Volatile Matter	< 0.80	%	ASTM D5668
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	15.5	MPa	ASTM D3185
Tensile Strength	21.5	MPa	ASTM D3185
Tensile Elongation (Break)	460	%	ASTM D3185
NOTE			
1.	Compound		

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