

# Emulprene® 1012

Emulsion Styrene Butadiene Rubber

INSA

## Message:

### Description:

E1012 is a high viscosity 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:

E1012 is the high molecular weight version of e1006, particularly useful as a binder for fibrous materials and adhesives where increased cohesive strength is desired.

General Information			
Features	Antioxidant		
	Copolymer		
	High Molecular Weight		
	Stain Resistant		
Uses	Adhesives		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity			ASTM D1646
ML 1+4, 100°C <sup>1</sup>	200	MU	
ML 1+4, 100°C	105 to 135	MU	
Ash Content	< 1.0	%	ASTM D5667
Organic Acid	4.0 to 6.0	%	ASTM D5774
Soap	< 0.50	%	ASTM D5774
Styrene Content - Bound	22 to 25	%	ASTM D5775
Volatile Matter	< 1.0	%	ASTM D5668
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8.00	MPa	ASTM D3185
Tensile Strength	12.0	MPa	ASTM D3185
Tensile Elongation (Break)	150	%	ASTM D3185
NOTE			
1.	Compound		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

