

Emulprene® 1028A

Emulsion Styrene Butadiene Rubber

INSA

Message:

Description:
E1028A is a high styrene, hot emulsion styrene-butadiene copolymer using fatty acid as emulsifier and coagulated with salt-acid. It is stabilized with a non-staining antioxidant. The product does not contain nitrosamine promoters, and complies with FDA 21 CFR §175.300, §177.1210 and §178.3910 for use in food contact applications.

Applications:
E1028A is exceptionally light colored. It features high green strength, low air permeability and excellent flow properties, it is recommended for use in adhesives, sealants, tire liners, mechanical goods and household products.

General Information			
Features	Antioxidant		
	Copolymer		
	Good Adhesion		
	Good Green Strength		
	High Flow		
	Stain Resistant		
Uses	Adhesives		
	Household Goods		
	Liners		
	Non-specific Food Applications		
	Sealants		
	Seals		
Agency Ratings	Tires		
	FDA 21 CFR 175.300		
	FDA 21 CFR 177.1210		
	FDA 21 CFR 178.3910		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity			ASTM D1646
ML 1+4, 100°C ¹	75	MU	
ML 1+4, 100°C	52 to 62	MU	
Ash Content	< 1.0	%	ASTM D5667
Organic Acid	3.7 to 6.0	%	ASTM D5774
Soap	< 0.30	%	ASTM D5774
Styrene Content - Bound	45 to 50	%	ASTM D5775
Volatile Matter	< 1.0	%	ASTM D5668
Mechanical	Nominal Value	Unit	Test Method

Tensile Modulus	15.0	MPa	ASTM D3185
Tensile Strength	21.0	MPa	ASTM D3185
Tensile Elongation (Break)	420	%	ASTM D3185

NOTE

1. Compound

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

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



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