

Emulprene® 1011CR

Emulsion Styrene Butadiene Rubber

INSA

Message:

Description:
E1011CR is a crumb hot emulsion styrene-butadiene copolymer using rosin acid as emulsifier and coagulated with salt-acid. It is very light color product stabilized with a non-staining antioxidant. This rubber is produced as free flowing dusted crumb which eliminates the need for size reduction equipment. Between 4% and 12% of Calcium Carbonate is used as dusting agent.

Applications:
E1011CR gives excellent green tack and adhesive properties with good balance of mechanical strength. Is recommended for molded and extruded mechanical goods, adhesives, caulks and sealants.

General Information			
Features	Antioxidant		
	Copolymer		
	Good Adhesion		
	Good Green Strength		
	High Flow		
	Stain Resistant		
Uses	Adhesives		
	Sealants		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity			ASTM D1646
ML 1+4, 100°C ¹	78	MU	
ML 1+4, 100°C	50 to 58	MU	
Ash Content	< 1.5	%	ASTM D5667
Organic Acid	4.5 to 6.9	%	ASTM D5774
Soap	< 0.50	%	ASTM D5774
Styrene Content - Bound	22 to 25	%	ASTM D5775
Volatile Matter	< 0.90	%	ASTM D5668
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	14.6	MPa	ASTM D3185
Tensile Strength	21.4	MPa	ASTM D3185
Tensile Elongation (Break)	480	%	ASTM D3185
NOTE			
1.	Compound		

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