

# Emulprene® 1009L

Emulsion Styrene Butadiene Rubber

INSA

## Message:

### Description:

E1009L is a hot emulsion styrene-butadiene copolymer, slightly cross-linked with divinylbenzene. It is polymerized using fatty acid as emulsifier, coagulated with salt acid and stabilized with a non-staining antioxidant.

### Applications:

E1009L is a lower gel version of the e1009h it also reduces mill shrinkage and swelling in molding improving dimensional stability and outstanding surface texture of finished products. It is also widely used in sealants and adhesives giving good balance between adhesive and cohesive properties.

General Information			
Features	Antioxidant		
	Copolymer		
	Crosslinkable		
	Good Adhesion		
	Low Gel		
	Stain Resistant		
Uses	Adhesives		
	Sealants		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity <sup>1</sup> (ML 1+4, 100°C)	85	MU	ASTM D1646
Ash Content	< 1.0	%	ASTM D5667
Organic Acid	4.0 to 6.0	%	ASTM D5774
Shrinkage - Mill	15 to 35	%	ASTM D1917
Soap	< 0.50	%	ASTM D5774
Solution Viscosity - 4% Toluene	290 to 370	mPa·s	
Styrene Content - Bound	23 to 25	%	ASTM D5775
Volatile Matter	< 1.0	%	ASTM D5668
NOTE			
1.	Compound		

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