

# Emulprene® 10102

Emulsion Styrene Butadiene Rubber

INSA

## Message:

### Description:

E10102 is a cold emulsion styrene-butadiene copolymer, polymerized with fatty acid and rosin acid emulsifier, coagulated by salt-acid system and stabilized with a non-staining antioxidant.

### Applications:

EI E10102 is widely used as raw material in tire and in various industrial products.

General Information			
Features	Antioxidant		
	Copolymer		
	Stain Resistant		
Uses	Industrial Applications		
	Tires		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity			ASTM D1646
ML 1+4, 100°C <sup>1</sup>	74	MU	
ML 1+4, 100°C	45 to 58	MU	
Ash Content	< 1.5	%	ASTM D5667
Organic Acid	< 7.2	%	ASTM D5774
Soap	< 0.50	%	ASTM D5774
Styrene Content - Bound	15 to 17	%	ASTM D5775
Volatile Matter	< 0.75	%	ASTM D5668
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	12.0 to 16.4	MPa	ASTM D3185
Tensile Strength	> 19.7	MPa	ASTM D3185
Tensile Elongation (Break)	> 300	%	ASTM D3185
NOTE			
1.	Compound		

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