

# Emulprene® 1778

Emulsion Styrene Butadiene Rubber

INSA

## Message:

### Description:

E1778 is a copolymer styrene-butadiene, cold emulsion polymerized used fatty acid as emulsifier, coagulated by salt-acid system and it is extended utilizing 37.5 parts of naphthenic oil.

### Applications:

E1778 is used in the manufacture of tires and industrial products for its excellent processing properties.

General Information			
Features	Copolymer		
	Good Processability		
Uses	Industrial Applications		
	Tires		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity			ASTM D1646
ML 1+4, 100°C <sup>1</sup>	< 64	MU	
ML 1+4, 100°C	45 to 50	MU	
Ash Content	< 0.75	%	ASTM D5667
Oil Content - Naphtenic	25 to 29	%	ASTM D5754
Organic Acid	3.5 to 6.5	%	ASTM D5774
Soap	< 0.50	%	ASTM D5774
Styrene Content - Bound	23 to 25	%	ASTM D5775
Volatile Matter	< 0.70	%	ASTM D5668
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10.4 to 13.6	MPa	ASTM D3185
Tensile Strength	> 19.0	MPa	ASTM D3185
Tensile Elongation (Break)	> 430	%	ASTM D3185
NOTE			
1.	Compound		

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## Recommended distributors for this material

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