

Emulprene® 1502CR

Emulsion Styrene Butadiene Rubber

INSA

Message:

Description:
E1502cr is a crumb styrene-butadiene copolymer, cold polymerized using fatty acid as emulsifier, coagulated by salt-acid system and stabilized with a non-staining antioxidant. This rubber is produced as free flowing dusted crumb wich eliminates the need for size reductions equipment. Between 4% and 12% of Calcium carbonate is used as dusting agent.

Applications:
E1502CR is widely used as raw material in tire, heels, shoe sole, in various industrial products and in the production of transaparent and light colored articles. As crumb it is used in the manufacturing of adhesives.

General Information			
Features	Antioxidant		
	Copolymer		
	High Flow		
	Stain Resistant		
Uses	Adhesives		
	Footwear		
	Rubber Replacement		
	Tires		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity			ASTM D1646
ML 1+4, 100°C ¹	75	MU	
ML 1+4, 100°C	50	MU	
Ash Content	< 0.80	%	ASTM D5667
Organic Acid	5.5 to 7.5	%	ASTM D5774
Soap	< 0.30	%	ASTM D5774
Styrene Content - Bound	23 to 25	%	ASTM D5775
Volatile Matter	< 0.80	%	ASTM D5668
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	15.5	MPa	ASTM D3185
Tensile Strength	21.5	MPa	ASTM D3185
Tensile Elongation (Break)	460	%	ASTM D3185
NOTE			
1.	Compound		

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