

Europrene® 1500

Emulsion Styrene Butadiene Rubber

Versalis S.p.A.

Message:

Europrene® 1500 is an emulsion styrene-butadiene rubber obtained by cold polymerisation using a rosin acid soap as emulsifier.

It is made at the Ravenna production facility in Italy

A non-staining antioxidant is added during the production process.

Key Features

E-SBR is a general purpose rubber characterised by good processability, mechanical properties and abrasion resistance. It has a limited resistance to oil and weather but properly compounded, it is suitable for use in outdoor applications.

The use of rosin acid soap results in a higher tack of the green compound and a slightly slower cure rate compared to fatty/rosin acid emulsified types.

Main Applications

Tyre manufacturing and retreading, conveyor belts, hoses and other mechanical goods.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
	General Purpose		
	Good Abrasion Resistance		
	Good Processability		
Uses	Belts/Belt Repair		
	Conveyor Parts		
	General Purpose		
	Hose		
	Tire Repair		
Forms	Bale		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 100°C)	52	MU	ASTM D1646
Bound Styrene	23.5	%	ASTM D5775
Ash Content	< 0.5	wt%	ASTM D5667
Organic Acid	6.0	wt%	ASTM D5774
Soap	< 0.3	wt%	ASTM D5774
Volatile Matter	< 0.75	wt%	ASTM D5668

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