

Europrene® 1778

Emulsion Styrene Butadiene Rubber

Versalis S.p.A.

Message:

Europrene ® 1778 is an emulsion styrene-butadiene rubber obtained by cold polymerisation using a mixture of rosin acid and fatty acid soaps as emulsifiers.

It is made at the Ravenna production facility in Italy.

It is a medium bound styrene copolymer extended with naphthenic oil.

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.

Europrene ® 1778 combines excellent processability and easier incorporation of high filler loading with the light color properties of naphthenic oil.

Main Applications

Footwear, flooring, microcellular articles, hoses, light coloured goods.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Copolymer		
	General Purpose		
	Good Abrasion Resistance		
	Good Processability		
Uses	Flooring		
	Footwear		
	General Purpose		
	Hose		
Forms	Bale		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 100°C)	49	MU	ASTM D1646
Bound Styrene	23.5	%	ASTM D5775
Oil Type (Naphthenic Oil)	37.5	phr	ASTM D5774
Ash Content	< 0.5	wt%	ASTM D5667
Organic Acid	5.0	wt%	ASTM D5774
Soap	< 0.3	wt%	ASTM D5774
Volatile Matter	< 0.75	wt%	ASTM D5668

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