



Technical Data Sheet

Europrene®

E-SBR

1500

Styrene – Butadiene Copolymer

Europrene® 1500 is an emulsion styrene-butadiene rubber obtained by cold polymerization using a mixture of rosin acid and fatty acid soaps as emulsifiers. A non-staining antioxidant is added during the production process.

Main Properties	Test Method	Unit	Typical Value
Mooney Viscosity ML 1+4(100 °C)	ASTM D 1646	MU	52
Bound Styrene	ASTM D 5775	% wt	23.5
Organic Acid	ASTM D 5774	% wt	6
Soap	ASTM D 5774	% wt	0.3 max
Volatile matter	ASTM D 5668	% wt	0.75 max
Ash	ASTM D 5667	% wt	0.5 max

The product is free from any nitrosating agent and is essentially free from pre-formed nitrosamines and nitrosable substances.

Key Features

Europrene® 1500 is an elastomer characterized 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.

Main Applications

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

Physical Form

Amber bales wrapped in easily dispersible polyethylene film.

Packaging

Wooden crate, nominal net weight 1050 kg; 35 kg bale, 30 bales per crate (1530 x 1145 x H1090 mm).
Returnable metal crate, nominal net weight 1260 kg; 35 kg bale, 36 bales per crate (1465 x 1150 x H1123 mm).

Storage Conditions

Store in a vented, dry area at temperatures between 20°C and 30°C; with no direct sunlight.
Shelf life: 18 months minimum.

Please consult the relevant safety data sheet for more detailed information.

The information and data presented herein are to the best of our knowledge true and accurate, but no warranty or guarantee, expressed or implied, is made nor is any liability accepted with respect to the use of such information data.

® Registered Trademark

November 2022

technicalmanagement@versalis.eni.com | www.versalis.eni.com