



KER[®] 1502

Emulsion Styrene-Butadiene Rubber (E-SBR)

CHARACTERISTICS

KER[®] 1502 is a standard emulsion styrene-butadiene rubber. It is produced by cold emulsion copolymerization technology based on soaps of rosin and fatty acids and contains 23.5% chemically bonded styrene. It is coagulated by a system of acid and synthetic coagulant, does not contain extender oil and is stabilized by a non-staining antioxidant.

KER[®] 1502 is also available as bio/circular attributed E-SBR under ISCC Plus certification.

CHEMICAL AND PHYSICAL DATA

PROPERTY	TEST METHOD	UNIT	VALUE
Mooney viscosity ⁽¹⁾	ASTM D1646	MU	45 ÷ 55
Volatile matter	ASTM D5668	% wt.	max 0,7
Total Ash	ASTM D5667	% wt.	max 0,4
Organic acids	ASTM D5774	% wt.	5 ÷ 7,5
Soaps	ASTM D5774	% wt.	max 0,4
Bounded styrene	ASTM D5775	% wt.	22 ÷ 25

(1) ML 1+4 (100°C) massed sample

APPLICATION

KER[®] 1502 is suitable for the production of tires, rubber compounds for the footwear industry and for the production of molded, calendered and colored articles with light shades. It is approved for the production of rubber goods that come into contact with food or drinking water.

PACKAGING

- KER[®] 1502 is supplied in bales with a nominal weight of 33 kg (± 0,5 kg).
- Each bale is wrapped in PE foil which is integral part of the product.
- One returnable metal box contains 36 bales (nominal 1188 kg).

TRANSPORTATION AND STORAGE

KER[®] 1502 is generally shipped in covered trucks, covered rail cars and standard shipping containers and is not a hazardous material. KER[®] 1502 should be stored in sheltered conditions away from direct sun light, an adequately ventilated area and at least 2 meters away from radiant heating elements where it should not exceed temperatures above 30°C. Under these conditions KER[®] 1502 has a shelf life of at least 12 months.

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