

EUROPRENE® K S-SBR

SOL R C3737-T Styrene-Butadiene Copolymer

Europrene® K SOL R C3737-T is a solution polymerized, oil extended styrene-butadiene random copolymer. The polymer is extended with 37,5 phr of **TDAE oil** and contains a non-staining antioxidant. It is produced by continuous polymerization process at the Yeosu production facility in Korea.

Main Properties	Test Method	Unit	Typical Value
Mooney Viscosity ML 1+4(100 °C)	ASTM D 1646	MU	75
Oil content	ASTM D 5774	% wt	27.3
Bound Styrene	Internal Method	% wt	36.5
Vinyl content	Internal Method	% wt	38 ⁽¹⁾
Volatile Matter	ASTM D 5668	% wt	0.75 max
Ash	ASTM D 5667	% wt	0.2 max
Tg	Internal Method	°C	-31

⁽¹⁾ Referred to butadiene portion

Key Features

Europrene® K SOL R C3737-T has a microstructure and a molecular weight distribution designed to show a good trade-off between processability and final properties.

Main Applications

Silica - based compounds for tyre treads with improved wet grip.

Physical Form

Brown coloured bales wrapped in easily dispersible polyethylene film.

Packaging

Returnable metal crate, nominal net weight 1188 kg;
33 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; no direct sunlight.
Shelf life: 24 months minimum.

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

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