



Technical Data Sheet

Versalis Revive® ESBR ESBR-ELT

17O23 Styrene – Butadiene Copolymer

Versalis Revive® ESBR 17O23 is a TDAE-oil extended rubber masterbatch obtained by coagulating a blend of end of life tyres (ELT) powder and an SBR latex. 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	70
Bound Styrene	ASTM D 5775	% wt	23.5
Oil Content	ASTM D 5774	% wt	25
Organic Acid	ASTM D 5774	% wt	4.5
Soap	ASTM D 5774	% wt	0.7 max
Volatile Matter	ASTM D 5668	% wt	0.75 max
ELT micronized powder	ASTM D 5667	% wt	17

The product is free from any nitrosing agent and essentially free from pre-formed nitrosamines and nitrosable

Key Features

Versalis Revive® ESBR 17O23 is an ESBR-ELT micronized powder masterbatch with properties equivalent to virgin ESBR including good processability and mechanical properties. Versalis Revive® ESBR 17O23 provides many benefits to rubber compounders in terms of sustainability due to the use of recycled material; handling, solid bales instead of powder; HSE issues, reduction of dust emissions in the mixing room. It may be successfully blended with other elastomers (BR, NR, etc) giving homogeneous compounds and good cure compatibility.

Main Applications

Tyre manufacturing, pre-cured tread, footwear, conveyor belts and technical goods.

Physical Form

Black 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: 12 months minimum.

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

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