

# Versalis Revive® ESBR

ESBR-ELT

# 12D02

Styrene – Butadiene Copolymer

Versalis Revive® ESBR 12D02 is a rubber masterbatch obtained by coagulating a blend of end of life tyres (ELT) powder and an SBR latex.

Main Properties	Test Method	Unit	Typical Value
Mooney Viscosity ML 1+4(100 °C)	ASTM D 1646	MU	60
Bound Styrene	ASTM D 5775	% wt	23.5
Organic Acid	ASTM D 5774	% wt	7
Soap	ASTM D 5774	% wt	0.7 max
Volatile Matter	ASTM D 5668	% wt	0.75 max
ELT micronized powder	ASTM D 5667	% wt	12

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

## Key Features

Versalis Revive® ESBR 12D02 is an ESBR-ELT micronized powder masterbatch with properties equivalent to virgin ESBR including good processability and mechanical properties. Versalis Revive® ESBR 12D02 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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