

SBR 1847 Masterbatch

Properties and Characteristics

SBR 1847 is a mechanically mixed SBR black masterbatch. This material can be used to replace SBR 1847 coprecipitated masterbatch in most applications. SBR 1847 contains 100 parts of non-staining SBR, 75 parts of N-300 series carbon black, and 50 parts of aromatic oil.

Specifications

Typical Compound Properties

Raw viscosity (ML 1+4 @ 100oC)	70 ± 15
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Rheometer Properties

ML	7
MH	35
TS2	2.25
TC90	5.5

Stress Strain Properties, PSI

Tensile, psi,	2500
Elongation, %	650
300% modulus, psi	1000
Specific Gravity	1.14

Standard Test Formula

SBR 1847 Masterbatch	225.00 pts.
Zinc oxide	3.00 pts.
Stearic acid	1.50 pts.
Sulfur	1.75 pts.
TBBS	1.25 pts.

Packaging

35kg net weight internal polyethylene-coated plastic woven bags, or as required by customer.

Storage

Store in a cool, dry, and well-ventilated place, away from direct sunlight and moisture.