

SBR 3651 Masterbatch

Properties and Characteristics

SBR 3651 is a high quality SBR oil/black masterbatch based on a cold polymerized emulsion polymer. It is similar to the black masterbatches 1608 and 1606. SBR 3651 is recommended for use in tires, tread rubber, and molded and extruded mechanical goods.

Specifications

Typical Compound Properties

Raw viscosity (ML 1+4 @ 100oC)	60 ± 10
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Rheometer Properties

ML	1.9 ± 1.0
MH	16.5 ± 2.0
TS2	3.3 ± 1.2
TC90	11.3 ± 2.5

Stress Strain Properties, PSI

Tensile, psi,	3000
Elongation, %	430
300% modulus, psi	1600 ± 300
Specific Gravity	1.12

Standard Test Formula

SBR 3651 Masterbatch	162.00 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.