



YANGTIAN MASTERBATCH

TECHNICAL DATA SHEET

BaSO₄ Filler Masterbatch U91

Product description:

BaSO₄ Filler Masterbatch is made of micro sized Barium Sulfate and PE raw material. It is designed for high demands of plastic film process. Filler masterbatch offers a nice balance of cost saving and good performance. It is high whiteness with good filler properties.

Range of Application:

BaSO₄ Filler Masterbatch is designed for use in LDPE, HDPE, PP and Ethylene copolymer.

Appearance:

Dim 2.5MM * Thickness 3.0MM round granule, white

Characteristic:

Environment-friendly, nontoxic, smellless, spotless, smooth appearance and stable color, good dispersion. Reduce cost and save additives, no pollution during production.

Technical specifications:

Carrier	PE
BaSO ₄ Content	80% ± 3%
Moisture Content	≤ 0.5%
Bulk Density	1.95 ± 0.1g/cm ³
Specific Gravity	23°C 2.0kg/m ³
Melting Point	120 °C
Melting Flow Index (190°C, 5Kg)	7-9g/10min



Usage:

Suggest to replace (LLDPE, LDPE and HDPE), ethylene copolymers and propene polymer (PP) with U91 from 10% to 40%.

Packing:

U91 is supplied in 25 Kg waterproof PP bag with PE inner bag. They should be stored in a dry and cool area, preferably at temperature lower than 50°C (122°F). After partial use, the waterproof PP bag must be resealed to protect T80 resins from moisture.

Note:

The above index is based on the testing result for reference only, not as the specific index.

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