

Performance Benefits and Overview

UT80 – Transparent Masterbatch contains mainly Transparent Filler, resin and some additives. Transparent filler, resin and some additives. It's suitable for blowing film (LLDPE, HDPE, LDPE) and injection molding. The purpose use this grade to replace one part virgin resin to reduce cost for the end product.

Transparent inorganic (Na ₂ SO ₄) content	80 %
Purity	96-98%
Carrier Resin	LDPE
Melt Mass- Flow Rate (190°C/2.16kgs)	15 g/10 mins
Humidity	1.15 wt %
Processing Temperature	140-280°C

Main Features

Good Dispersion	✓
Gloss Finish	✓
Food Contact	✓
Good Processability	✓
High Light Fastness	✓
Excellent Heat Resistance	✓
Increase Hardness	✓

Depending on processing parameters or local specifications. It is advisable to check with our sales to commercial production.

UT80	Polymer Compatibility			
	LLDPE	HDPE	LDPE	PP
	✓	✓	✓	✓

Standard Packaging	Certificate
25 kg bags (pallet 1350kg) Jumbo Bag (1200 kg)	FDA, REACH, ISO 1900-2015

Main Application	Properties	Dosage
Blow Film (Roll bags, T-shirt bags, Garbage bags)	LDPE film mono layer- Film thickness 10-12 micron	Upto 5%
	ABA machine: multilayer film	Upto 50 % B layer
	HDPE film mono layer - Film thickness 25 micron	Upto 50 %

The product should be stored in dry conditions at temperatures below 25°C protected from direct sunlight. If these protective measures are not taken into account impairment of the product is possible. This can result in degradation of the color, smell or loss of other properties. The data and information contained are presented in good faith, and are based on USMASTERBATCH's current knowledge and experience. They are provided for guidance only. Because many factors may affect processing or application/use of the product. USMASTERBATCH recommends that the reader carry out its own investigations and tests to determine the suitability of a product for its particular purpose prior to us.

FOR & ON BEHALF OF

US MASTERBATCH JOINT STOCK COMPANY