

MASTERFILL WSM205i

Performance Benefits and Overview

WSM205i contains mainly CaCO₃ Calcium Carbonate powder, resin and some additives. CaCO₃ made natural mineral calcite with high pure over 99 %, high whiteness > 96 %, treatment surface by additive and use perfect technology. This product used to replace one of part virgin resin, from that help save cost for the end product and improved some properties such as: whiteness, hardness, strength.

CaCO ₃ Content	85±1 %
Purity	96-98%
Partical Size	1 μm (1750 mesh)
Carrier Resin	PP
Melt Mass- Flow Rate (230°C/2.16kgs)	14-25 g/10 mins
Humidity	<0.1 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.

WSM205i	Polymer Compatibility			
	LLDPE	LDPE	HDPE	PP
				✓

Standard Packaging	Certificate
25 kg bags (pallet 1350kg) Jumbo Bag (1200 kg)	FDA, REACH, ISO 9001-2015

Main Application	Properties	Dosage
PP Injection Molding	Chairs/Tables/ Paint buckets/ Water tank	10-35%
	Spoon/fork	10-50%
Extrusion (Pipe, straw,..)		10-35%