

MASTERWAX® 300 Series

TECHNICAL INFORMATION

- Chemical description:** Micronized HDPE (High-Density Polyethylen), coated with micronized Polyethylene wax
- Applications:**
- Masterbatch – for pigments that are difficult to disperse
 - Plastics processing
- Benefits:**
- Even color distribution
 - Increase in color efficiency with lower dosing
 - Less machine damage
 - Shorter dispersion time
 - Material savings
 - Better storage stability
 - UV protection
 - Ideal for thin-walled & visible plastic parts
 - Extremely large surface area
 - Dosable & flowable
 - Reduction of the number of extrusion processes
- Propertiers:**
- Extremely large surface area – dosable – flowable – without pigments
 - 27 x larger surface area than HDPE granules
- Technical data:**
- Colour: White
Delivery form: Micronized powder
Packaging: Big bags, bags

	Minimum	Maximum	Method
Particle size (D50):		< 300 µm	ISO 13320
MFR (190°C, 5.0 kg) (HDPE)*:		23 g/10 min	ISO 1133
Density (23 °C) (HDPE):	0,95 g/cm³	0,98 g/cm³	ISO 1183
Drop point (Wax)*:	104 °C	118 °C	ASTM D 3954
Density (23 °C) (Wax):	0,94 g/cm³	0,96 g/cm³	ISO 1183

* Part of certificate of analysis

MASTERWAX® 305
MASTERWAX® 310
MASTERWAX® 325
MASTERWAX® 350
MASTERWAX® TM
DEUREX® HDPE Micro 300

Spot coated, 95% DEUREX® HDPE Micro 300, 5% DEUREX® E 0920 M
Eco coated, 90% DEUREX® HDPE Micro 300, 10% DEUREX® E 0920 M
Fully coated, 75% DEUREX® HDPE Micro 300, 25% DEUREX® E 0920 M
Double coated, 50% DEUREX® HDPE Micro 300, 50% DEUREX® E 0920 M
Tailor made, Select your preferred dose and your favourite DEUREX® wax
100% High-Density Polyethylen

