

MASTERWAX 300 Series

TECHNICAL INFORMATION

Chemical description:	Micronized HDPE (High-Density Polyethylen), coated with micronized Polyethylene wax
Applications:	<ul style="list-style-type: none"> - Masterbatch – for pigments that are difficult to disperse - Plastics processing
Benefits:	<ul style="list-style-type: none"> - 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
Properties:	<ul style="list-style-type: none"> - 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	Eco coated,	95% DEUREX HDPE Micro 300,	5% DEUREX E 0920 M
MASTERWAX 310	Spot coated,	90% DEUREX HDPE Micro 300,	10% DEUREX E 0920 M
MASTERWAX 325	Fully coated,	75% DEUREX HDPE Micro 300,	25% DEUREX E 0920 M
MASTERWAX 350	Double coated,	50% DEUREX HDPE Micro 300,	50% DEUREX E 0920 M
MASTERWAX TM	Tailor made, Select your preferred dose and your favourite DEUREX wax		
DEUREX HDPE Micro 300	100% High-Density Polyethylen		

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