

Premix Thermoplastics PREBLACK PE 700-40

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

PREBLACK PE 700-40 is a polyethylene based black masterbatch. PREBLACK PE 700-40 has been developed for the coloring of PE-LD and PE-HD products when maximum UV-resistance and pureness is being required. The moisture absorption and sulphur content of PREBLACK PE 700-40 are very low preventing odor problems. According to BgVV regulations PREBLACK PE 700-40 is approved for use in contact with foodstuffs as long as the content of carbon black in the produced product is less than 2.5%. Information provided by Premix Thermoplastics Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Premix-Thermoplastics-PREBLACK-PE-700-40.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	300 °C	572 °F	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.15 %	<= 0.15 %	When Produced
Shelf Life	12.0 Month	12.0 Month	Normal Storing Conditions

Descriptive Properties	Value	Comments
Appearance	Granule	
Carrier	PE-LD	
Dosing, %	0.5 to 10	Depending on desired blackness and UV-protection
Light Fastness	8-Very Good	
Pigmentation, %	40	Special carbon black (p-type)

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