

Kazanorgsintez P2KP Polyethylene Pigment Masterbatches

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Masterbatch Grade

Material Notes:

Production Method: P2KP polyethylene pigment masterbatches are produced on the basis of low density polyethylene with high content of masterbatches. Application: P2KP polyethylene pigment masterbatches are used for coloring low density polyethylene in the extrusion process, cable insulation, and for coloring general-purpose products including food containers, as well as toy production by extrusion and jet molding methods. The following colors of polyethylene pigment masterbatches are available: white, yellow, orange, green, blue, brown, and black. Information Provided by Kazanorgsintez

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kazanorgsintez-P2KP-Polyethylene-Pigment-Masterbatches.php

Physical Properties	Metric	English	Comments
Melt Flow	0.20 - 3.0 g/10 min	0.20 - 3.0 g/10 min	on the basis of basic grades 10703-020, 10803-020, and 18503-020, for masterbatches of other applications (coloring general purpose products, coloring toys, coloring food containers
	1.0 - 3.0 g/10 min	1.0 - 3.0 g/10 min	on the basis of basic grades 10703-020, 10803-020, and 18503-020, for cable masterbatches
	5.0 - 8.0 g/10 min	5.0 - 8.0 g/10 min	on the basis of basic grades 11503-070 and 16803-070

Electrical Properties	Metric	English	Comments
Dielectric Constant	<= 2.4	<= 2.4	For cable masterbatches
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dielectric Strength	>= 40.0 kV/mm	>= 1020 kV/in	For cable masterbatches, at alternating voltage frequency
	@Frequency 50.0 Hz	@Frequency 50.0 Hz	
Dissipation Factor	<= 0.00060	<= 0.00060	For cable masterbatches
	@Frequency 1000 Hz	@Frequency 1000 Hz	

Descriptive Properties	Value	Comments
Heat Resistance of Color	15	at 220Å°C
	3	at 250Å°C, for cable masterbatch
Heat Resistance of Polyethylene Coloring at 100Å°C	withstands 1400 hours without color change, for cable masterbatches	
Light Resistance of Color	withstands 96 hours without color change, , for cable masterbatches	

Descriptive Properties	Value	Comments
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