

Kazanorgsintez 273-83 High Density Polyethylene Composite

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Extruded

Material Notes:

Production Method: Gaseous-phase method. Application: Composition of HD grade 273-83 is intended to obtain by method of extrusion products of industrial, cultural, and general use as well as goods contacting with food. Information Provided by Kazanorgsintez

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kazanorgsintez-273-83-High-Density-Polyethylene-Composite.php

Physical Properties	Metric	English	Comments
Density	0.950 - 0.955 g/cc	0.0343 - 0.0345 lb/in ³	
Volatiles	<= 0.090 %	<= 0.090 %	Superior Class
	<= 0.10 %	<= 0.10 %	1st Class
Melt Flow	0.40 - 0.65 g/10 min	0.40 - 0.65 g/10 min	Â±10% Superior Class, Â±18% 1st Class
Ash	<= 0.040 %	<= 0.040 %	Superior Class
	<= 0.060 %	<= 0.060 %	1st Class

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 22.6 MPa	>= 3280 psi	Superior Class, 1st Class
Elongation at Break	>= 450 %	>= 450 %	1st Class
	>= 700 %	>= 700 %	Superior Class
Tear Strength Test	>= 21.6	>= 21.6	MPa, 1st Class
	>= 29.4	>= 29.4	MPa, Superior Class

Descriptive Properties	Value	Comments
Amount of impurities [pcs]	20	1st Class
	5	Superior Class

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