

Kazanorgsintez PE2NT76-17 High Density Polyethylene for Blow Molding

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Blow Molding Grade , High Density Polyethylene (HDPE), Injection Molded

Material Notes:

Production Method: Gaseous-phase method. Application: Compositions are intended for goods produced by injection molding method. Information Provided by Kazanorgsintez

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kazanorgsintez-PE2NT76-17-High-Density-Polyethylene-for-Blow-Molding.php

Physical Properties	Metric	English	Comments
Density	0.955 - 0.961 g/cc	0.0345 - 0.0347 lb/in ³	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
	0.957 - 0.963 g/cc	0.0346 - 0.0348 lb/in ³	
	@Temperature 20.0 Â°C	@Temperature 68.0 Â°F	
Volatiles	<= 0.0000090 %	<= 0.0000090 %	
Environmental Stress Crack Resistance	>= 30 hour	>= 30 hour	
Melt Flow	2.3 - 3.3 g/10 min @Load 2.16 kg, Temperature 190 Â°C	2.3 - 3.3 g/10 min @Load 4.76 lb, Temperature 374 Â°F	Â±10%
Ash	<= 0.030 %	<= 0.030 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 26.0 MPa	>= 3770 psi	
Elongation at Break	>= 750 %	>= 750 %	
Tear Strength Test	>= 30	>= 30	MPa

Descriptive Properties	Value	Comments
Amount of impurities [pcs]	5	

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