

Kazanorgsintez PE2NT21-13 High Density Polyethylene Composite

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

Material Notes:

Production Method: Copolymerization of ethylene at low pressure in presence of complex catalysts using gaseous-phase method.

Application: Composition is intended for injection molding processing into goods for household and domestic use or for other field of application and characterized by advanced crack resistance. Information Provided by Kazanorgsintez

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kazanorgsintez-PE2NT21-13-High-Density-Polyethylene-Composite.php

Physical Properties	Metric	English	Comments
Density	0.948 - 0.955 g/cc	0.0342 - 0.0345 lb/in ³	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	0.950 - 0.957 g/cc	0.0343 - 0.0346 lb/in ³	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Environmental Stress Crack Resistance	>= 30 hour	>= 30 hour	
Melt Flow	4.0 - 7.0 g/10 min	4.0 - 7.0 g/10 min	±15%
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
	80 - 245 g/10 min	80 - 245 g/10 min	
	@Load 21.6 kg, Temperature 190 °C	@Load 47.6 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 25.0 MPa	>= 3630 psi	
Elongation at Break	>= 600 %	>= 600 %	

Descriptive Properties	Value	Comments
Amount of impurities [pcs]	10	

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