

Kazanorgsintez 102-57 Low Density Polyethylene Composite, for Further Radiation Modification

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Wire/Cable Grade

Material Notes:

Production Method: Composition is produced on the basis of 10204-003 base grade low density polyethylene or first and primary grades.

Application: Used for heat and radiation resistant wires and cables insulation. Information Provided by Kazanorgsintez

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kazanorgsintez-102-57-Low-Density-Polyethylene-Composite-for-Further-Radiation-Modification.php

Physical Properties	Metric	English	Comments
Melt Flow	0.40 - 0.70 g/10 min	0.40 - 0.70 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 8.83 MPa	>= 1280 psi	
Elongation at Break	>= 550 %	>= 550 %	
Tear Strength Test	>= 115	>= 115	kgf/cm2

Electrical Properties	Metric	English	Comments
Dielectric Constant	<= 2.4	<= 2.4	
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dielectric Strength	>= 40.0 kV/mm	>= 1020 kV/in	
Dissipation Factor	<= 0.0070	<= 0.0070	
	@Frequency 1000 Hz	@Frequency 1000 Hz	

Descriptive Properties	Value	Comments
Amount of impurities [pcs]	15	
Technological Effectiveness	Glib surface; No blowholes or bubbles; Visible to the unaided eye	

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