

Kazanorgsintez 153-02 K Polyethylene Composition for Cable Industry

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Production Method: Composition is achieved on the basis of high pressure polyethylene (low density) and low pressure (high density) with stabilizers and other additives. Application: Compositions are used for lapping, cable sheaths, and serving by extrusion method. Information Provided by Kazanorgsintez

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kazanorgsintez-153-02-K-Polyethylene-Composition-for-Cable-Industry.php

Physical Properties	Metric	English	Comments
Density	0.9185 - 0.922 g/cc	0.03318 - 0.0333 lb/in ³	Premium Quality
	0.9185 - 0.992 g/cc	0.03318 - 0.0358 lb/in ³	Superior Quality
Environmental Stress Crack Resistance	>= 500 hour	>= 500 hour	
Melt Flow	0.21 - 0.39 g/10 min	0.21 - 0.39 g/10 min	Â±8% Superior Quality, Â±12% Premium Quality

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 11.3 MPa	>= 1640 psi	
Elongation at Break	>= 600 %	>= 600 %	
Tear Strength Test	>= 14.7	>= 14.7	MPa

Descriptive Properties	Value	Comments
Amount of impurities [pcs]	15	Premium Quality
	3	Superior Quality
Extractable Substance Weight Content (%)	1.4	Superior Quality
	1.7	Premium Quality

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