

Kazanorgsintez 15313-003 High Pressure Polyethylene

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

Material Notes:

Production Method: HDPE is produced by high pressure ethylene polymerization in tubular reactors. Application: Intended for production of bags, pipes, fittings, articles designed for food contact, toys, films and film articles, shaped-molded parts, etc. Information Provided by Kazanorgsintez

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kazanorgsintez-15313-003-High-Pressure-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.919 - 0.922 g/cc	0.0332 - 0.0333 lb/in ³	
Environmental Stress Crack Resistance	>= 500 hour	>= 500 hour	
Melt Flow	0.30 g/10 min	0.30 g/10 min	Â±30%

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 9.80 MPa	>= 1420 psi	
Elongation at Break	>= 600 %	>= 600 %	
Tear Strength Test	>= 13.7	>= 13.7	MPa

Descriptive Properties	Value	Comments
Amount of impurities [pcs]	2	Superior Quality
	30	2nd Quality
	8	Premium Quality
Extractable Substance Weight Content (%)	0.4	Extra Class
	0.6	1st and 2nd Class

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