

Global BM-3245-PC High Density Polyethylene, Pipe Extrusion Grade

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

Material Notes:

Description-opacity, medium high stiffness, good impact strength, good chemical resistanceApplications- ropes, fishing net, wire & cable insulators, auto parts, pipesMeets FDA requirements as listed in food additives regulations 21 CFR 177.1520 for use in direct contact with food.Information provided by Global Polymers Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Global-BM-3245-PC-High-Density-Polyethylene-Pipe-Extrusion-Grade.php

Physical Properties	Metric	English	Comments
Density	0.956 g/cc	0.0345 lb/in ³	ASTM D792
Melt Flow	0.12 g/10 min @Load 2.16 kg, Temperature 190 °C	0.12 g/10 min @Load 4.76 lb, Temperature 374 °F	Condition E; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	34.0 MPa	4930 psi	ASTM D638
Tensile Strength, Yield	22.0 MPa	3190 psi	ASTM D638
Elongation at Break	1600 %	1600 %	ASTM D638

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