

PolyOne Maxxam® FR PE JR 165 High Density Polyethylene (HDPE) (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE

Material Notes:

High Density Polyethylene Applications: Wire & Cable Information provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Maxxam-FR-PE-JR-165-High-Density-Polyethylene-HDPE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.16 g/cc	1.16 g/cc	ASTM D792
Density	1.16 g/cc	0.0420 lb/in ³	ASTM D792
Melt Flow	0.91 g/10 min @Load 2.16 kg, Temperature 190 °C	0.91 g/10 min @Load 4.76 lb, Temperature 374 °F	Procedure A - Manual Operation; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	17.2 MPa	2500 psi	Type 1 - Rigids, 2 in/min; ASTM D638
Elongation at Break	450 %	450 %	Type 1 - Rigids, 2 in/min; ASTM D638

Thermal Properties	Metric	English	Comments
Vicat Softening Point	87.8 °C	190 °F	
Flammability, UL94	V-2	V-2	All Colors; 0.062 in.; PolyOne Internal
Oxygen Index	29 %	29 %	0.062 in bars; ASTM D2863

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