

PolyOne Maxxam® FR PE 113 Low Density Polyethylene (LDPE) (discontinued **)

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

Material Notes:

Applications: Wire and cable insulation Information provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Maxxam-FR-PE-113-Low-Density-Polyethylene-LDPE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.980 g/cc	0.980 g/cc	ASTM D792
Density	0.969 g/cc	0.0350 lb/in ³	ASTM D792
Melt Flow	0.90 g/10 min @Load 2.16 kg, Temperature 190 °C	0.90 g/10 min @Load 4.76 lb, Temperature 374 °F	Procedure A - Manual Operation; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	13.8 MPa	2000 psi	Type 1 - Rigids, 2 in/min; ASTM D638
Elongation at Break	500 %	500 %	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	24.8 %	24.8 %	0.062 in bars; ASTM D2863

Electrical Properties	Metric	English	Comments
Dielectric Constant	2.34 @Frequency 1e+7 Hz	2.34 @Frequency 1e+7 Hz	ASTM D150
Dissipation Factor	0.0010 @Frequency 1e+7 Hz	0.0010 @Frequency 1e+7 Hz	ASTM D150

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