

Polyplastic Armlen® PE MF 70-2FR Magnesium Hydroxide Filled Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

70% Magnesium Hydroxide For extrusion of fire resistant aluminum composite panels. Information provided by PolyPlastic Group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyplastic-Armlen-PE-MF-70-2FR-Magnesium-Hydroxide-Filled-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	1.71 g/cc	0.0618 lb/in ³	ISO 1183
Melt Flow	2.4 g/10 min @Load 5.00 kg, Temperature 190 °C	2.4 g/10 min @Load 11.0 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	11.0 MPa	1600 psi	ISO 527
Flexural Modulus	0.650 GPa	94.3 ksi	ISO 178

Processing Properties	Metric	English	Comments
Melt Temperature	190 - 200 °C	374 - 392 °F	

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