

JPJ Technologies HDPE Pipe Grade

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

Material Notes:

Information provided by JPJ Technologies

Order this product through the following link:

http://www.lookpolymers.com/polymer_JPJ-Technologies-HDPE-Pipe-Grade.php

Physical Properties	Metric	English	Comments
Density	0.949 g/cc	0.0343 lb/in ³	GB 1033
Melt Flow	0.10 g/10 min	0.10 g/10 min	GB3682
	@Load 2.16 kg, Temperature 190 Â°C	@Load 4.76 lb, Temperature 374 Â°F	
	0.50 g/10 min	0.50 g/10 min	GB3682
	@Load 5.00 kg, Temperature 190 Â°C	@Load 11.0 lb, Temperature 374 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	33.0 MPa	4790 psi	GB1040
Tensile Strength, Yield	22.0 MPa	3190 psi	GB1040
Elongation at Break	800 %	800 %	GB1040
Tensile Modulus	0.800 GPa	116 ksi	GB1040
Charpy Impact, Notched	NB	NB	ISO 179

Descriptive Properties	Value	Comments
Thermal stability	50 min	@ 210Â°C, ISO10837

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