

Forever Plast Namtene® 1002 Recycled Pipe Grade HDPE

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

Material Notes:

Namtene® 1002 is used for pipes. It features a lower polypropylene content than standard Namtene®.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Forever-Plast-Namtene-1002-Recycled-Pipe-Grade-HDPE.php

Physical Properties	Metric	English	Comments
Density	0.945 - 0.970 g/cc	0.0341 - 0.0350 lb/in ³	ASTM D792
Melt Flow	0.20 - 0.40 g/10 min	0.20 - 0.40 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
Melt Flow	1.3 - 1.9 g/10 min	1.3 - 1.9 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 190 °C	@Load 11.0 lb, Temperature 374 °F	
Ash	>= 1 %	>= 1 %	1 hr; 625°C

Mechanical Properties	Metric	English	Comments
Elongation at Break	>= 400 %	>= 400 %	ASTM D638
Tensile Modulus	>= 1.00 GPa	>= 145 ksi	ASTM D638
Flexural Modulus	>= 0.900 GPa	>= 131 ksi	ASTM D790
Izod Impact, Unnotched	>= 2.70 J/cm	>= 5.06 ft-lb/in	ASTM D256

Descriptive Properties	Value	Comments
Color	Light Grey, Green, or Black	
Form	Pellets	
PP Content	< 4%	

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