

Total Lacqtene® 2001 TBK 40 HDPE pipe (discontinued **)

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

Material Notes:

LACQTENE® 2002 TBK 40 is a medium density polyethylene produced by the gas phase polymerization process with hexene as comonomer. LACQTENE® 2002 TBK 40 is a black compound especially developed for pressure pipe for gas and potable water. LACQTENE® 2002 TBK 40 may be used for irrigation pipe and geomembranes. Information provided provided by Total Petrochemicals. Total Petrochemicals includes former Fina and Atofina plastics product lines.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-Lacqtene-2001-TBK-40-HDPE-pipe-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in ³	ISO 1183
Oxidative Induction Time (OIT)	>= 20 min	>= 20 min	200°C; EN 728
Melt Flow	0.20 g/10 min	0.20 g/10 min	ISO 1133
	@Load 2.16 kg	@Load 4.76 lb	
	0.75 g/10 min	0.75 g/10 min	ISO 1133
	@Load 5.00 kg	@Load 11.0 lb	
High Load Melt Index	18 g/10 min	18 g/10 min	ISO 1133
	@Load 21.6 kg	@Load 47.6 lb	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	57	57	ISO 868
Tensile Strength, Yield	22.0 MPa	3190 psi	ISO 527-2
Elongation at Break	>= 600 %	>= 600 %	ISO 527-2
Flexural Modulus	0.750 GPa	109 ksi	ISO 178
Izod Impact, Notched (ISO)	17.5 kJ/m ²	8.33 ft-lb/in ²	ISO 180
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Melting Point	127 °C	261 °F	ISO 3146
Vicat Softening Point	118 °C	244 °F	ISO 306

Descriptive Properties	Value	Comments
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Food Status
Descriptive Properties

This material conforms to both European and American Food contact regulations.
Value

Comments

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