

Total Lacqtene® 2006 PBK 35 HDPE pipe, sheet (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , MDPE , Medium Density Polyethylene (MDPE), Extruded

Material Notes:

LACQTENE® 2006 PBK 35 is a medium density polyethylene produced by the gas phase polymerization process with hexene as comonomer.

LACQTENE® 2006 PBK 35 may be used for pipe extrusion (micro-irrigation, corrugated cable ducts,...), pipe coating, and sheet extrusion. 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-2006-PBK-35-HDPE-pipe-sheet-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.946 g/cc	0.0342 lb/in³	ISO 1183
Thermal Stress Crack Resistance	>= 1000 hour	>= 1000 hour	ASTM D 1693
Oxidative Induction Time (OIT)	>= 20 min	>= 20 min	200°C; EN 728
Carbon Black Loading	2.25 %	2.25 %	ISO 6964
Melt Flow	0.70 g/10 min	0.70 g/10 min	ISO 1133
	@Load 2.16 kg	@Load 4.76 lb	
	2.7 g/10 min	2.7 g/10 min	ISO 1133
	@Load 5.00 kg	@Load 11.0 lb	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	ISO 868
Tensile Strength, Yield	18.0 MPa	2610 psi	ISO 527-2
Elongation at Break	>= 600 %	>= 600 %	ISO 527-2
Flexural Modulus	0.650 GPa	94.3 ksi	ISO 178
Izod Impact, Notched (ISO)	12.0 kJ/m²	5.71 ft-lb/in²	ISO 180
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Melting Point	126 °C	259 °F	ISO 3146
Vicat Softening Point	114 °C	237 °F	ISO 306

Descriptive Properties	Value	Comments
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Food Status	This material conforms to both European and American Food contact regulations.	
Descriptive Properties	Value	Comments

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