

Total Finathene® 3344N Natural HDPE pipe grade (discontinued **)

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

Material Notes:

Applications: industrial and mining gas distribution, potable water, sewer and sewer relining, gas and oil gathering, fiber optic innerduct, general pipe relining. 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-Finathene-3344N-Natural-HDPE-pipe-grade-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.947 g/cc	0.0342 lb/in ³	ASTM D 792
Environmental Stress Crack Resistance	>= 1000 hour	>= 1000 hour	No failures, compressed ring, 25% Igepal; ASTM F 1248
	>= 5000 hour	>= 5000 hour	No failures; ASTM D 1693 cond. C
Melt Flow	0.090 g/10 min @Load 2.16 kg	0.090 g/10 min @Load 4.76 lb	ASTM D 1238
	0.34 g/10 min @Load 5.00 kg	0.34 g/10 min @Load 11.0 lb	ASTM D 1238
High Load Melt Index	9.0 g/10 min @Load 21.6 kg	9.0 g/10 min @Load 47.6 lb	ASTM D 1238

Mechanical Properties	Metric	English	Comments
PENT	>= 500 hour	>= 500 hour	ASTM F 1473
Hardness, Rockwell L	49	49	ASTM D 785
Hardness, Shore D	63	63	ASTM D 2240
Tensile Strength, Yield	>= 22.8 MPa	>= 3300 psi	ASTM D 638 type IV
Elongation at Break	>= 800 %	>= 800 %	ASTM D 638 type IV
Flexural Modulus	0.862 GPa	125 ksi	ASTM D 790
Secant Modulus	0.793 GPa	115 ksi	2% Strain; ASTM D 638 type IV
Izod Impact, Notched	4.27 J/cm @Thickness 3.17 mm	8.00 ft-lb/in @Thickness 0.125 in	ASTM D256 A
	11.0 MPa	1600 psi	ASTM D 2837

Mechanical Properties	@Temperature 23.0 °C Metric	@Temperature 73.4 °F English	Comments
Thermal Properties	Metric	English	Comments
CTE, linear	180 µm/m-°C @Temperature 20.0 °C	100 µin/in-°F @Temperature 68.0 °F	ASTM D 696
Melting Point	131 °C	268 °F	ASTM D3417
Deflection Temperature at 0.46 MPa (66 psi)	77.8 °C	172 °F	ASTM D 648
Vicat Softening Point	124 °C	255 °F	ASTM D 1525
Brittleness Temperature	-118 °C	-180 °F	ASTM D 746

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China