

**Total Finathene® 4344 HDPE, blow molding (discontinued \*\*)**

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

**Material Notes:**

Applications: storage tank liners, intermediate bulk containers, general large-part blow molding. Blow Molding Stock Temperature 370 – 410 °F 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-4344-HDPE-blow-molding-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Total-Finathene-4344-HDPE-blow-molding-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.946 g/cc	0.0342 lb/in <sup>3</sup>	ASTM D 792
Environmental Stress Crack Resistance	>= 5000 hour	>= 5000 hour	ASTM D1693 cond. B 100% Igepal
Melt Flow	0.34 g/10 min @Load 5.00 kg, Temperature 190 °C	0.34 g/10 min @Load 11.0 lb, Temperature 374 °F	
High Load Melt Index	9.0 g/10 min @Load 21.6 kg, Temperature 190 °C	9.0 g/10 min @Load 47.6 lb, Temperature 374 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
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
Izod Impact, Notched	4.27 J/cm @Thickness 3.17 mm	8.00 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	126 °C	258 °F	ASTM D3417

**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