

**Total Finathene® 6450 HDPE film (discontinued \*\*)**

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

**Material Notes:**

Applications: overwrap, food packaging, coextrusion, extrusion coating  
 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-6450-HDPE-film-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Total-Finathene-6450-HDPE-film-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.962 g/cc	0.0348 lb/in <sup>3</sup>	ASTM D 792
Water Vapor Transmission	6.20 g/m <sup>2</sup> /day	0.399 g/100 in <sup>2</sup> /day	100°F; E 96/66
Thickness	25.4 microns	1.00 mil	
Melt Flow	5.0 g/10 min @Load 2.16 kg	5.0 g/10 min @Load 4.76 lb	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	850 %	850 %	ASTM D 882 A
Film Elongation at Break, TD	650 %	650 %	ASTM D 882
Secant Modulus, MD	0.689 GPa	99.9 ksi	ASTM D 882 A
Secant Modulus, TD	0.703 GPa	102 ksi	ASTM D 882 A
Film Tensile Strength at Break, MD	>= 24.1 MPa	>= 3500 psi	ASTM D 882 A
Film Tensile Strength at Break, TD	>= 26.2 MPa	>= 3800 psi	ASTM D 882 A

Thermal Properties	Metric	English	Comments
Brittleness Temperature	<= -80.0 °C	<= -112 °F	ASTM D 746

Optical Properties	Metric	English	Comments
Haze	8.0 %	8.0 %	ASTM D 1003
Gloss	75 %	75 %	ASTM D 523

**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**