

SABIC Innovative Plastics Lexan® ML6451 PC

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

UV-stabilized, co-extrusion capstock material. Minimal processing values available at this time.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-Lexan-ML6451-PC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.19 g/cc	1.19 g/cc	ASTM D792
Melt Flow	10.5 g/10 min @Load 1.20 kg, Temperature 300 °C	10.5 g/10 min @Load 2.65 lb, Temperature 572 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	72.0 MPa	10400 psi	Type I, 50 mm/min; ASTM D638
Tensile Strength, Yield	71.0 MPa	10300 psi	Type I, 50 mm/min; ASTM D638
Elongation at Break	98 %	98 %	Type I, 50 mm/min; ASTM D638
Flexural Yield Strength	104 MPa	15100 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	2.59 GPa	376 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Notched	0.900 J/cm	1.69 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	114 °C @Thickness 3.20 mm	237 °F @Thickness 0.126 in	unannealed; ASTM D648

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