

## Techno Polymer Techno ABS LM100 Transparent

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Transparent, Molded

### Material Notes:

Excellent shock resistance, rigidity, and processability. Applications: Appliance parts, office and computer equipment, machine parts, and tool handles.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Techno-Polymer-Techno-ABS-LM100-Transparent.php](http://www.lookpolymers.com/polymer_Techno-Polymer-Techno-ABS-LM100-Transparent.php)

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in <sup>3</sup>	
Melt Flow	28 g/10 min @Load 10.0 kg, Temperature 220 °C	28 g/10 min @Load 22.0 lb, Temperature 428 °F	JIS K7210

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	105	105	ASTM D785
Tensile Strength, Ultimate	44.1 MPa	6400 psi	50 mm/min; ASTM D638
Flexural Yield Strength	72.6 MPa	10500 psi	15 mm/min. ASTM D790
Flexural Modulus	2.16 GPa	313 ksi	15 mm/min. ASTM D790
Izod Impact, Notched	1.57 J/cm	2.94 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	87.0 °C	189 °F	unannealed; ASTM D648

Optical Properties	Metric	English	Comments
Haze	4.0 %	4.0 %	
Transmission, Visible	88 %	88 %	

Processing Properties	Metric	English	Comments
Processing Temperature	190 - 265 °C	374 - 509 °F	Cylinder temp
Nozzle Temperature	210 - 260 °C	410 - 500 °F	
Mold Temperature	45.0 - 60.0 °C	113 - 140 °F	
Drying Temperature	80.0 °C	176 °F	

## **Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

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