

## Ineos ABS Lustran® PG 298

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

Material Notes:

Key Features:UnfilledPlatableSuitable processing methods:Injection molding

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ineos-ABS-Lustran-PG-298.php](http://www.lookpolymers.com/polymer_ineos-ABS-Lustran-PG-298.php)

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in <sup>3</sup>	
Water Absorption	0.30 %	0.30 %	
Melt Flow	19 g/10 min @Load 10.0 kg, Temperature 220 °C	19 g/10 min @Load 22.0 lb, Temperature 428 °F	cm <sup>3</sup> /10 min.

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	40.0 MPa	5800 psi	
Elongation at Break	30 %	30 %	Nominal
Elongation at Yield	2.7 %	2.7 %	
Tensile Modulus	2.77 GPa	402 ksi	
Charpy Impact, Notched	1.80 J/cm <sup>2</sup>	8.57 ft-lb/in <sup>2</sup>	
	0.600 J/cm <sup>2</sup> @Temperature -30.0 °C	2.86 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	94.0 °C	201 °F	
Deflection Temperature at 1.8 MPa (264 psi)	84.0 °C	183 °F	
Vicat Softening Point	97.8 °C	208 °F	50°C/h 50N
Flammability, UL94	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	UL Recognized
	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	UL Recognized

Electrical Properties	Metric	English	Comments
Volume Resistivity	$\geq 1.00 \times 10^{13}$ ohm-cm	$\geq 1.00 \times 10^{13}$ ohm-cm	
Surface Resistance	$3.00 \times 10^{14}$ ohm	$3.00 \times 10^{14}$ ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	250 Å°C	482 Å°F	Injection Molding
Mold Temperature	60.0 Å°C	140 Å°F	Injection Molding
Injection Velocity	200 mm/sec	7.87 in/sec	
Injection Pressure	55.0 MPa	7980 psi	

## 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