

## Ineos ABS Lustran® 130

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

### Material Notes:

Key Features: Unfilled High impact or high impact modified Suitable processing methods: Injection molding Sheet extrusion Blow molding Thermoforming

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ineos-ABS-Lustran-130.php](http://www.lookpolymers.com/polymer_ineos-ABS-Lustran-130.php)

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in <sup>3</sup>	
Melt Flow	3.5 g/10 min @Load 10.0 kg, Temperature 220 °C	3.5 g/10 min @Load 22.0 lb, Temperature 428 °F	cm <sup>3</sup> /10 min.

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	35.1 MPa	5090 psi	
Elongation at Break	29 %	29 %	Nominal
Elongation at Yield	3.3 %	3.3 %	
Tensile Modulus	2.14 GPa	310 ksi	
Charpy Impact, Notched	3.80 J/cm <sup>2</sup>	18.1 ft-lb/in <sup>2</sup>	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	94.0 µm/m-°C @Temperature 20.0 °C	52.2 µin/in-°F @Temperature 68.0 °F	
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	
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

Processing Properties	Metric	English	Comments
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Melt Temperature Processing Properties	250 Â°C Metric	482 Â°F English	Injection Molding Comments
Mold Temperature	60.0 Â°C	140 Â°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.

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