

Ineos ABS Lustran® H701

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

Material Notes:

Medium heat resistance, high impact strength. ,Property data per ISO test methods.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-ABS-Lustran-H701.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	
Melt Flow	8.0 g/10 min @Load 10.0 kg, Temperature 220 °C	8.0 g/10 min @Load 22.0 lb, Temperature 428 °F	Estimated using room temperature density

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	41.0 MPa	5950 psi	
Elongation at Yield	2.7 %	2.7 %	
Tensile Modulus	2.15 GPa	312 ksi	
Charpy Impact Unnotched	18.0 J/cm ²	85.7 ft-lb/in ²	
	12.0 J/cm ² @Temperature -30.0 °C	57.1 ft-lb/in ² @Temperature -22.0 °F	
Charpy Impact, Notched	2.40 J/cm ²	11.4 ft-lb/in ²	
	1.30 J/cm ² @Temperature -30.0 °C	6.19 ft-lb/in ² @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	0.900 Åµm/m-Å°C @Temperature 20.0 Å°C	0.500 Åµin/in-Å°F @Temperature 68.0 Å°F	
Deflection Temperature at 0.46 MPa (66 psi)	105 Å°C	221 Å°F	
Deflection Temperature at 1.8 MPa (264 psi)	99.0 Å°C	210 Å°F	
Vicat Softening Point	104 Å°C	219 Å°F	

Electrical Properties	Metric	English	Comments
Surface Resistance	$\geq 1.00 \times 10^{15}$ ohm	$\geq 1.00 \times 10^{15}$ ohm	
Dielectric Constant	3.0	3.0	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
	3.1	3.1	
	@Frequency 100 Hz	@Frequency 100 Hz	
Dielectric Strength	33.0 kV/mm	838 kV/in	
Dissipation Factor	0.0050	0.0050	
	@Frequency 100 Hz	@Frequency 100 Hz	
	0.0090	0.0090	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
Comparative Tracking Index	600 V	600 V	

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