

Ineos ABS Lustran® 256 Extrusion, Blending (discontinued **)

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

Material Notes:

A natural, medium-flow, medium-impact extrusion grade of ABS. It is used for blending with other Lustran ABS virgin and regrind materials to optimize cost and performance. Properties tested in transverse direction (worst case) on 125-mil (3.2 mm) extruded sheets specimens with

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-ABS-Lustran-256-Extrusion-Blending-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	ASTM D792
Melt Flow	14 g/10 min @Load 10.0 kg, Temperature 230 °C	14 g/10 min @Load 22.0 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	40.0 MPa	5800 psi	ASTM D638
Tensile Modulus	2.20 GPa	319 ksi	ASTM D638
Flexural Yield Strength	69.0 MPa	10000 psi	ASTM D790
Flexural Modulus	2.40 GPa	348 ksi	ASTM D790
Izod Impact, Notched	1.60 J/cm @Thickness 3.17 mm	3.00 ft-lb/in @Thickness 0.125 in	ASTM D256
	0.480 J/cm @Thickness 3.17 mm, Temperature -40.0 °C	0.899 ft-lb/in @Thickness 0.125 in, Temperature -40.0 °F	ASTM D256
Impact Test	30.0 J @Thickness 2.50 mm	22.1 ft-lb @Thickness 0.0984 in	Instrumented Impact, Total Energy; 7.6 mph, 3 in. clamp, 0.5 in. dart; ASTM D3763

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	87.0 °C @Thickness 3.17 mm	189 °F @Thickness 0.125 in	Unannealed; ASTM D648
UL RTI, Electrical	60.0 °C @Thickness 1.60 mm	140 °F @Thickness 0.0630 in	UL746B
UL RTI, Mechanical with Impact	60.0 °C	140 °F	UL746B

Thermal Properties	Metric @Thickness 1.60 mm	English @Thickness 0.0630 in	Comments
UL RTI, Mechanical without Impact	60.0 °C	140 °F	UL746B
	@Thickness 1.60 mm	@Thickness 0.0630 in	
Flammability, UL94	HB	HB	Natural color
	@Thickness 1.50 mm	@Thickness 0.0591 in	
	HB	HB	Natural color
	@Thickness 1.50 mm	@Thickness 0.0591 in	

Optical Properties	Metric	English	Comments
Gloss	90 %	90 %	60°; Sheet; ASTM D523
Transmission, Visible	0.00 %	0.00 %	Opaque only

Processing Properties	Metric	English	Comments
Melt Temperature	215 - 240 °C	419 - 464 °F	

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