

Ineos ABS Lustran® QE 1094 AS General Purpose, High-Impact (discontinued **)

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

Material Notes:

Information provided by Bayer Corporation, Plastics Division LANXESS was spun-off from Bayer in early 2005. Business renamed Ineos ABS after INEOS acquires a majority shareholding under a JV with Lanxess in 2007. Subsequently Ineos acquired 100% of Ineos ABS. This product is no longer listed as a standard NAFTA product.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-ABS-Lustran-QE-1094-AS-General-Purpose-High-Impact-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.03 g/cc	0.0372 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0040 - 0.0070 cm/cm	0.0040 - 0.0070 in/in	ASTM D955
Melt Flow	12 g/10 min @Load 10.0 kg, Temperature 220 °C	12 g/10 min @Load 22.0 lb, Temperature 428 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	36.0 MPa	5220 psi	ASTM D638
Tensile Modulus	2.10 GPa	305 ksi	ASTM D638
Flexural Yield Strength	57.9 MPa	8400 psi	ASTM D790
Flexural Modulus	2.10 GPa	305 ksi	ASTM D790
Izod Impact, Notched	4.00 J/cm @Thickness 3.17 mm	7.49 ft-lb/in @Thickness 0.125 in	ASTM D256

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

Thermal Properties	Metric	English	Comments
	@Thickness 1.50 mm	@Thickness 0.0591 in	

Optical Properties	Metric	English	Comments
Transmission, Visible	0.00 %	0.00 %	Opaque only

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