

Ineos ABS Lustran® QE 1045 A, Injection Grade (discontinued **)

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

Material Notes:

Injection molding grade, high modulus, only available in black. Applications: For automotive application. Information provided by Bayer. 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.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-ABS-Lustran-QE-1045-A-Injection-Grade-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	
Melt Flow	9.0 g/10 min	9.0 g/10 min	
	@Load 10.0 kg, Temperature 220 °C	@Load 22.0 lb, Temperature 428 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	52.0 MPa	7540 psi	
Elongation at Yield	2.0 %	2.0 %	
Tensile Modulus	2.80 GPa	406 ksi	
Charpy Impact, Notched	0.800 J/cm ²	3.81 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	94.0 °C	201 °F	
Vicat Softening Point	100 °C	212 °F	

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+15 ohm	1.00e+15 ohm	

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