

Ineos ABS Triax® DP 3155 ABS + Polyamide Blend (Conditioned) (discontinued **)

Category : Polymer , Thermoplastic , ABS Polymer , Nylon

Material Notes:

Key Features: Contains Filler
Suitable processing methods: Injection molding
 Information provided by Bayer Polymers. 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-Triax-DP-3155-ABS-Polyamide-Blend-Conditioned-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	(DAM)
Water Absorption	4.3 %	4.3 %	(from DAM)
Moisture Absorption at Equilibrium	0.95 %	0.95 %	23°C/50% R.H. (from DAM)
Linear Mold Shrinkage, Flow	0.0080 cm/cm	0.0080 in/in	
Linear Mold Shrinkage, Transverse	0.010 cm/cm	0.010 in/in	
Melt Flow	8.0 g/10 min @Load 5.00 kg, Temperature 280 °C	8.0 g/10 min @Load 11.0 lb, Temperature 536 °F	cm ³ /10 min.

Mechanical Properties	Metric	English	Comments
Tensile Modulus	2.00 GPa	290 ksi	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	70.0 µm/m-°C	38.9 µin/in-°F	DAM
	@Temperature 20.0 °C	@Temperature 68.0 °F	
CTE, linear, Transverse to Flow	90.0 µm/m-°C	50.0 µin/in-°F	DAM
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Deflection Temperature at 1.8 MPa (264 psi)	80.0 °C	176 °F	(from DAM)
Vicat Softening Point	163 °C	325 °F	50°C/h 50N (from DAM)

Processing Properties	Metric	English	Comments
Melt Temperature	260 °C	500 °F	Injection Molding

Mold Temperature Processing Properties	80.0 °C Metric	176 °F English	Injection Molding Comments
Injection Velocity	40.0 mm/sec	1.57 in/sec	

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