

Ineos ABS Centrex® 601 ASA+AES Blend (discontinued **)

Category : Polymer , Thermoplastic , AES Polymer , ASA Polymer , Acrylonitrile/Styrene/Acrylate (ASA), Unreinforced, Molded

Material Notes:

Key Features: Unfilled High impact or high impact modified Light stabilized or stable to light U.V. stabilized or stable to weather Suitable processing methods: Profile extrusion Sheet extrusion 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-Centrex-601-ASAAES-Blend-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in ³	
Melt Flow	3.5 g/10 min @Load 10.0 kg, Temperature 220 °C	3.5 g/10 min @Load 22.0 lb, Temperature 428 °F	cm ³ /10 min.

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	28.2 MPa	4090 psi	
Elongation at Break	50 %	50 %	Nominal
Elongation at Yield	3.0 %	3.0 %	
Tensile Modulus	1.72 GPa	249 ksi	
Charpy Impact, Notched	5.77 J/cm ²	27.5 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	72.0 µm/m-°C @Temperature 20.0 °C	40.0 µin/in-°F @Temperature 68.0 °F	
Deflection Temperature at 1.8 MPa (264 psi)	79.0 °C	174 °F	
Vicat Softening Point	93.0 °C	199 °F	50°C/h 50N

Processing Properties	Metric	English	Comments
Melt Temperature	250 °C	482 °F	Injection Molding
Mold Temperature	60.0 °C	140 °F	Injection Molding
Injection Velocity	200 mm/sec	7.87 in/sec	

Injection Pressure Processing Properties	60.0 MPa Metric	8700 psi English	Comments
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