

Ineos ABS Centrex® 485 ASA+AES Blend (discontinued **)

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

Material Notes:

Key Features: Unfilled Light stabilized or stable to light U.V. stabilized or stable to weather Suitable processing methods: Profile

extrusion Sheet extrusion Thermoforming 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-485-ASAAES-Blend-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	
Melt Flow	6.0 g/10 min @Load 10.0 kg, Temperature 220 °C	6.0 g/10 min @Load 22.0 lb, Temperature 428 °F	cm ³ /10 min.

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	20.7 MPa	3000 psi	
Elongation at Break	50 %	50 %	Nominal
Elongation at Yield	2.5 %	2.5 %	
Tensile Modulus	1.45 GPa	210 ksi	
Charpy Impact, Notched	1.07 J/cm ²	5.09 ft-lb/in ²	
	0.240 J/cm ² @Temperature -30.0 °C	1.14 ft-lb/in ² @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	94.0 µm/m-°C @Temperature 20.0 °C	52.2 µin/in-°F @Temperature 68.0 °F	
Deflection Temperature at 0.46 MPa (66 psi)	87.0 °C	189 °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
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Melt Temperature Processing Properties	250 °C Metric	482 °F English	Injection Molding Comments
Mold Temperature	60.0 °C	140 °F	Injection Molding
Injection Velocity	200 mm/sec	7.87 in/sec	
Injection Pressure	60.0 MPa	8700 psi	

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