

Figure 4 HI TEMP 300-AMB

High Temperature

Industry leading, ultra high temperature resistant rigid plastic suitable for the harshest environments

Applications

- High temperature components testing, and general use parts including HVAC, consumer appliances, motor enclosures, stators, etc.
- Low pressure moulding/tooling: expanding foams, rubbers, etc.
- Overmoulding
- HDT over 300 °C at both low and high stress



Physical Properties

Colour	Amber
Type	ABS

Liquid Material

Solid Density (@ 25°C)	1.3g/cm ³
Layer Thickness (mm)	0.10

Mechanical Properties

		TEST/ISO
Tensile Strength (MPa)	77	ASTM D638
Tensile Modulus (MPa)	4100	
Elongation Break (%)	2.3	
Flex Strength (MPa)	85	ASTM D624
Flex Modulus (MPa)	4300	ASTM D395
Izod Notched Impact (J/m)	10	ASTM D256
Heat Deflection Temperature (°C)	>300	ASTM D648
Hardness, Shore	89D	ASTM D2240
UL Flammability	HB	UL 94

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Please be advised that all information provided in this document is representative of typical properties and as advised by the material manufacturer. Performance characteristics of these products may vary according to product application, operating conditions or with end use.

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