

ATHLONE EXTRUSIONS P.L.C.

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PRODUCT DATA SHEET - "ATHPOL" B300M .

Product: "Athpol B300M" - extruded impact ABS sheet.

Application: Automotive, luggage/briefcases, machine guards etc. where impact strength, combined with a very low gloss surface finish is required.

The following information represents typical property values that are based on information given by polymer raw material suppliers.

Property	Test Method	Units.	Value abs
Mechanical			
Tensile Strength at Yield	ISO 527	MPa	27
Tensile Elongation at Break	ISO 527	%	100
Tensile Modulus.	ISO 527	MPa	1550
Flexural Strength.	ISO 178	MPa	40
Izod Impact Strength(notched) 23c	ISO 180A	KJ/M2	11
Charpy Impact Strength(notched) 23c	ISO 180	KJ/M2	9
Falling Dart Impact Strength (1)	ISO 6603	Joules	>55
Ball Indentation Hardness H 358/30	ISO 2039	Mpa	97
Thermal.			
Heat Deflection Temperature. (1.8MPa)	ISO 75	c	101
Vicat Softening Temperature (5kg - 50c/h)	ISO 306	c	101
Other			
Density (2)	ISO 1183		1,05
Optical			Low gloss finish
Flammability at 1.6mm thickness.	UL94	class	94HB

- (1) 4.0mm sheet - impact on side A.
- (2) Density value for natural unpigmented sheet - this value will change , the magnitude of such depending on the pigment type and loading.

Note: We reserve the right to make alterations without further notice. Information in this data sheet is intended as a guide only.

No liability is accepted for loss or damage arising from use or reliance on this information, or if such infringes any patent.

