

ATHLONE

EXTRUSIONS

Issue A, 03-05

B300IR - Ignition Resistant ABS			
Standard Limitations	Unit	From	To
Sheet Thickness	mm	1.6	6.0
Sheet Width	mm	350	1400

Notes:
1) Some limitations on colour - refer to your local AEL sales office.

Range of embossed surfaces available on thickness greater than 1.6 mm.
For requirements outside these limits please contact your local AEL sales office.

Product Data Information			
Applications	Transport (Interior trim for coaches), Business machines, TV housings etc. Where a flammability requirement to UL94 V-0 combined with good impact strength is required.		
Property	Test Method	Units	Value
Tensile Strength at Yield	ISO 527	MPa	37
Flexural Strength	ISO 178	MPa	60
Charpy Impact Strength (notched) 23°C	ISO 180A	KJ/M ²	15
Heat Deflection Temperature (1.8 MPa)	ISO 75	°C	91
Vicat Softening Point (5kg - 50°C/h)	ISO 306	°C	100
Density (1)	ISO 1183		1.20
Flammability Rating at 1.6mm thickness	UL94	Class	V-0
Flammability Rating at 3.17mm thickness	UL94	Class	5-V
Optical (2)	Standard Matt		
<p>The above information represents typical property values that are based on information supplied by polymer raw material suppliers.</p> <p>(1) Density value for natural unpigmented sheet - this value can change, the magnitude of such depending on the pigment type and loading.</p> <p>(2) Other gloss levels available upon request.</p> <p>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.</p>			

Ireland: Grace Rd, Athlone, Co Westmeath. Tel: +353 - 9064 - 92679. Fax: +353 - 9064 - 94086

UK: Group House, Mackadown Lane, Kitts Green, Birmingham B33 0NL. Tel: +44(0)121 - 783 2512. Fax: +44(0)121 - 789 7012

Netherlands: Schouwburging 85, 5038 TK Tilburg, The Netherlands. Tel: +31 - 13 - 544 7265. Fax: +31 - 13 - 544 2747