

ATHLONE

EXTRUSIONS

Issue A, 03-05

B400 Series - Super High Impact ABS			
Standard Limitations	Unit	From	To
Sheet Thickness	mm	1.0	6.0
Sheet Width	mm	350	1520

Notes:

- 1) > 6.0mm - 8.0mm, MOQ 2 tonnes
- 2) > 1520mm - 2000mm, MOQ 5 tonnes
- 3) Limited embosses available at width, > 1520mm. Refer to your local AEL office.

Range of embossed surfaces available on thickness greater than 1.0 mm.
For requirements outside these limits please contact your local AEL sales office.

Product Data Information			
Applications	Automotive Accessories, Luggage, Ski Boxes, etc. Where excellent impact strength and good rigidity is required.		
Property	Test Method	Units	Value
Tensile Strength at Yield	ISO 527	MPa	36
Flexural Strength	ISO 178	MPa	50
Izod Impact Strength (notched) 23°C	ISO 180	J/m	320
Heat Deflection Temperature (1.8 MPa)	ISO 75	°C	97
Vicat Softening Point (5kg - 50°C/h)	ISO 306	°C	97
Density (1)	ISO 1183		1.06
Flammability Rating @ 1.5 mm	UL94	Class	HB
Optical		B401G - Gloss	
Optical		B401SM - Semi-matt	
Optical		B401M - Matt	
Optical		B401XM - Super-matt	

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

(1) Density value for natural unpigmented sheet - this value can 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.

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