

# ATHLONE

EXTRUSIONS

Issue A, 03-05

<b>P91 - High Impact High Gloss Polystyrene</b>			
Standard Limitations	Unit	From	To
Sheet Thickness	mm	0.5	6.0
Sheet Width	mm	350	1520
Reel Thickness	mm	0.5	2.5
Reel Width	mm	350	800
Reel Diameter	mm	300	1000
Reel Weight	kg	50	300

Notes:

- 1) 0.5mm - 0.95mm sheet, maximum width 800mm
- 2) 6.0mm - 8.0mm, MOQ 3 tonnes
- 3) > 1520mm - 2000mm, production campaign

For requirements outside these limits please contact your local AEL sales office.

<b>Product Data Information</b>					
Applications	Sanitary Ware, Point of Sale & Display, Insert Packaging.				
Property	Test Method	Units	Base	Capping	
Tensile Strength at Yield	ISO 527	MPa	18	40	
Flexural Strength	ISO 178	MPa	40	70	
Izod Impact Strength (notched) 23°C	ISO 180	J/m	90		
Heat Deflection Temperature (1.8 MPa)	ISO 75	°C	80	81	
Vicat Softening Point (5kg - 50°C/h)	ISO 306	°C	90	88	
Density (1)	ISO 1183		1.05	1.05	
Flammability Rating @ 1.5 mm	UL94	Class	HB	HB	
Optical	High Gloss				

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.**

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