

Specification Sheet (Superceded) / 01 SWP High Impact Gloss Polystyrene P91



Certificate No. 11738-EMS-001
ISO 9001:2015 ISO 14001:2015

Applications

Sanitaryware, point of sale and display, insert packaging

Standard Limitations	Unit	From	To
Sheet thickness	mm	0.5	0.6
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

Property	Test method	Units	Base	Capping
Tensile strength at yield	ISO 527	MPa	18	40
Felxural 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 - value for natural unpigmented sheet. This value can change, the magnitude of such dependent upon pigment type and loading	ISO 1183		1.05	1.05
Flammability rating @ 1.5mm	UL94	Class	HB	HB
Optical	High Gloss			

Change Control Date	Change
17/09/2013	Created



The above figures are average values.
We recommend that you examine any material you select to ensure its suitability for your application.
Tolerance(s) applied in accordance with ASG specification No WI007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

