

## Technical Data Sheet

### White PST Sheeting

Stock Code	SA			
Properties at 23°C	Test Method	Test Condition	Unit	Value
<b>Physical Properties</b>				
Specific Gravity	ASTM D792	Natural colour		1,08
Water Absorption	ASTM D570	24 ht, immersion in water	%	
Melt flow index	ASTM D1238	200°C/5kg 220°C/10kg 150°C/10kg	G/10Min G/10Min G/10Min	4.9
Mold shrinkage	ASTM D955		%	
Gloss	ASTM D523		%	
<b>Mechanical Properties</b>				
Tensile Strength	ASTM D638	5mm/min	MPA (PSI) KGF /CM <sup>2</sup>	43(6,200) 400
Elongaation at Break	ASTM D638	5mm/min	%	
Flexural Strength	ASTM D790	2.8mm/min	MPA (PSI) KGF /CM <sup>2</sup>	63(9,100) 640
Flexural Modulus	ASTM D790	2.8mm/min	MPA (PSI) KGF /CM <sup>2</sup>	2400 (340,000) 2400
IZOD Impact Strength (Notched)	ASTM D256	1/4 inch	J/M (FT L'FB/IN) KGF CM/CM	265 (5,0) 27
		1/8 inch	J/M (FT L'FB/IN) KGF CM/CM	346 (6,4) 35
Rockwell Hardness	ASTM D785	R-Scale		106
<b>Thermal Properties</b>				
Heat Deflection Temperature (Unnealed). 1/4*	ASTM D648	18,56KGF/CM <sup>2</sup>	°C. ℉	
Vicat Softening temperature (Unnealed)	ISO R 306	5KG	°C. ℉	216 102
<b>Flammability</b>				
UL 94 Classification	UL94	1.6MM SPECIMEN 3.0MM SPECIMEN 6.0MM SPECIMEN	RECOGNISED	HB
UV Resistance	ASTM D4459	300 HR IVORY COLOUR	DELTA E	

\*THE ABOVE VALUES ARE ONLY THE REPRESENTATIVES OF NATURAL COLOUR SPECIMENT, NOT FOR GUARANTEE

\*LAST UPDATE: 19.06.04

**Note:** All above information shall only be used as a guide; buyer shall independently test and determine product suitability.