

## Technical Data Sheet

### White PST Sheeting

Stock Code	SH		
Properties	Test Method	Unit	Value
Melt Volume Rate MVR 200/5	ISO 1133	CM <sup>3</sup> /10min	4.3
Tensile Stress at Yield	ISO 527	MPA	21
Elongation at Break	ISO 527	%	50
Tensile Modulus	ISO 527	MPA	1600
Flexural Strength	ISO 178	KJ/M <sup>2</sup>	32
Charpy impact Strength (+23°C)	ISO 179/LeU	KJ/M <sup>2</sup>	NB
Charpy impact Strength (-30°C)	ISO 179/LeU	KJ/M <sup>2</sup>	120
Charpy notched impact strength (+23°C)	ISO 179/LeU	KJ/M <sup>2</sup>	10
IZOD Notched Impact strength (+23°C)	ISO 180		10
Rockwell Hardness (L-Scale)	ASTM D 785	°C	44
Vicat Softening Temperature VST/B/50 <sup>3</sup>	ISO 306	°C	90
Heat Distortion Temperature (0.45mpa)	ISO 75	Ω cm	88
Volume Resistivity	IEC 6093	CLASS	≥10
Flammability according to UL Standard	UL 94	G/CM <sup>3</sup>	94 HB
Water Absorption	ISO 62 (Method A)	%	1.05
Mould Shrinkage		%	≥0.1
Melt Temperature for injection - moulding		°C	0.4-0.7
Mould Temperature for injection - moulding		°C	180-260
Melt Temperature for extrusion		°C	10-60
Colour / Colourless (n) Blue ©			n
Product characteristics	ESCR, High impact strength, high stiffness, good low and high temp. Resistance		
Product applications	Extrusion sheet for REFR. Linear especially for thin sheet, also for other sheet with ESCR Requirement.		

1. ALL TEST SPECIMENS HAVE BEEN INJECTION MOULDED WITH A MELT TEMP. OF 245°C.
2. INJECTION MOULDED SPECIMENS ACCORDING TO CURRENT ISO STANDARD.
3. MEASURED IN GLYCEROL
4. NB = NO BREAK

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