



SAFFRON PLASTICS LTD

CLEAR PETG DATA SHEET

GENERAL PROPERTIES	Method	Unit	Test Result
Density (SG)		g/cm ³	1.27
Vicat Softening Temperature (10N)	ISO 306	°C	83
Max Continuous Use Temperature		°C	60
Tensile Strength at Yield	ISO 527	Mpa	53
Elongation at Break	ISO 527	%	200 (min)
Charpy Impact - Notched	ISO 179	KJ/m ²	10
- Standard	ISO 170	KJ/m ²	No Break
Refractive Index			1.57
Light Transmission	ASTM D-1003	%	88 +/-5
Mould Shrinkage		%	0.4-0.7
Flammability Rating* - UK	BS 476-Part 1		Class 1Y
- France			M2
- Germany			B1

NOTES

***Fire Ratings are for PETg RESIN, compliance is thickness related**

Complies with European directives: 82/711 EEC, 85/572 EEC, 90/128/EEC, 93/9/EEC, 1935/2004 EC and 2002/72 EC, FDA & BGA Food Standards

Information contained within is based on our present state of knowledge and is to characterise the product with regard to any potential requirements. It does not therefore constitute a guarantee of the specific properties.

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