

**TECHNICAL DATA SHEET**

**Product Description**

Polycarbonate

<i>PROPERTY</i>	<i>TEST METHOD</i>	<i>UNITS</i>	<i>VALUE</i>
Elongation at Break	ISO 527	%	100
Flexural Yield Strength	ISO 178	Mpa	90
Tensile Modulus	ISO 527	Mpa	2350
Tensile Yield Strength	ISO 527	Mpa	65
Izod Impact (notched) @ 23°C	ASTM D256	Kj/m <sup>2</sup>	30
Density	ISO 1183	g/cm <sup>3</sup>	1.20
Melt Flow Rate (300°C & 1.2Kg)	ISO 1133	g/10min.	16
Heat Distortion Temperature - @ 0.45Mpa	ISO 75-2	°C	135
Heat Distortion Temperature - @ 1.8 Mpa	ISO 75-2	°C	125
Vicat Softening Point (1Kg/50°C/Hr)	ISO 306 A	°C	142
Flammability @ 1.6mm thickness	UL94 EQUIVALENT	Rating	V2

Medium flow , high impact PC

**Additional Information**

JGP/Perrite manufacture a wide range of engineering thermoplastic compounds with filled flame retardant, impact modify variants available. All grades can be colour matched to meet specific customer requirements.

The information in this publication is based on our present technical knowledge and experience. In view of the large number of factors which may influence the processing and use of our products, the present information does not relieve processors and manufacturers of the need to carry out their own tests and experiments.