

TECHNICAL DATA SHEET

Product Description

V0 @ 3.0mm Polycarbonate

<i>PROPERTY</i>	<i>TEST METHOD</i>	<i>UNITS</i>	<i>VALUE</i>
Elongation at Break	ISO 527	%	> 50
Flexural Modulus	ISO 178	Mpa	2400
Flexural Yield Strength	ISO 178	Mpa	95
Tensile Modulus	ISO 527	Mpa	2300
Tensile Yield Strength	ISO 527	Mpa	60
Izod Impact Strength (Notched)	ISO 180	KJ/m ²	60
Density	ISO 1183	g/cm ³	1.2
Melt Flow Rate (300°C & 1.2Kg)	ISO 1133	g/10min.	9
Heat Distortion Temperature - @ 1.8 Mpa	ISO 75-2	°C	130
Vicat Softening Point (5Kg/50°C/Hr)	ISO 306 B	°C	145
Flammability @ 1.6mm thickness	UL94 EQUIVALENT	Rating	V2
Flammability @ 3.2mm thickness	UL94 EQUIVALENT	Rating	V0
Glow Wire Test	IEC 695		960@ 3.0mm
Oxygen Index	BS 2782	%	35

Additional Information

JGP/Perrite manufacture a wide range of engineering thermoplastic compounds with filled flame retardant, impact modified 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.