

**TECHNICAL DATA SHEET****Product Description**

PC/ABS alloy

<i>PROPERTY</i>	<i>TEST METHOD</i>	<i>UNITS</i>	<i>VALUE</i>
Elongation at Break	ISO 527	%	>50
Flexural Modulus	ISO 178	Mpa	2300
Flexural Yield Strength	ISO 178	Mpa	80
Tensile Modulus	ISO 527	Mpa	2400
Tensile Yield Strength	ISO 527	Mpa	55
Izod Impact Strength (Notched)	ISO 180	KJ/m <sup>2</sup>	45
Density	ISO 1183	g/cm <sup>3</sup>	1.15
Melt Flow Rate (260°C / 5Kg)	ISO 1133	g/10min	20
Heat Distortion Temperature - @ 1.8 Mpa	ISO 75-2	°C	110
Vicat Softening Point (5Kg/50°C/Hr)	ISO 306 B	°C	130
Flammability @ 3.2mm thickness	UL94 EQUIVALENT	Rating	HB

Perloy 7030 is a high impact strength easy flow PC/ABS alloy with excellent sub-zero ductility. Having a Vicat temp. of 130°C applications include electronic and automotive.

**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.