

TECHNICAL DATA SHEET

Product Description

PC/ABS with a vicat temperature of 133°C .

<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
Tensile Modulus	ISO 527	Mpa	2350
Tensile Yield Strength	ISO 527	Mpa	56
Izod Impact (notched) @ 23°C	ASTM D256	Kj/m ²	45
Izod Impact (unnotched) @ -20°C	ASTM D256	Kj /m ²	30
Density	ISO 1183	g/cm ³	1.16
Melt Flow Rate (260°C / 5Kg)	ISO 1133	g/10min	15
Surface Resistivity	ASTM D257	Ohms	1E15
Volume Resistivity	ASTM D257	Ohm.cm	1E15
Heat Distortion Temperature - @ 0.45Mpa	ISO 75-2	°C	126
Heat Distortion Temperature - @ 1.8 Mpa	ISO 75-2	°C	109
Vicat Softening Point (5Kg/50°C/Hr)	ISO 306 B	°C	133
Flammability @ 3.2mm thickness	UL94 EQUIVALENT	Rating	HB

The above values relate to natural and standard colours. Special effects such as metallics and flecks may result in lower impact strength.

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.