

TECHNICAL DATA SHEET

Product Description

<i>PROPERTY</i>	<i>TEST METHOD</i>	<i>UNITS</i>	<i>VALUE</i>
Flexural Modulus	ISO 178	Mpa	2600
Flexural Yield Strength	ISO 178	Mpa	90
Tensile Modulus	ISO 527	Mpa	2700
Tensile Yield Strength	ISO 527	Mpa	60
Izod Impact (notched) @ 23°C	ASTM D256	Kj/m ²	40
Izod Impact (unnotched) @ -20°C	ASTM D256	Kj /m ²	20
Density	ISO 1183	g/cm ³	1.20
Melt Flow Rate (240°C / 5.0Kg)	ISO 1133	g/10min.	20
Melt Flow Rate (260°C / 5Kg)	ISO 1133	g/10min	35
Dielectric Constant	ASTM D150		3
Dielectric Strength	ASTM D149	Kv/mm	>2.5Á ²
Volume Resistivity	ASTM D257	Ohm.cm	>10Á ²
Heat Distortion Temperature - @ 1.8 Mpa	ISO 75-2	°C	90
Vicat Softening Point (5Kg/50°C/Hr)	ISO 306 B	°C	110
Flammability @ 1.6mm thickness	UL94 EQUIVALENT	Rating	V0
Glow Wire Test	IEC 695		1mm@960ÀC

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.