



# Kkalpana Industries (India) Limited

<b>GRADE</b>	<b>KALPLENE PP 1G</b>
<b>FEATURE</b>	<b>PP GLASS FILLED 10 %</b>
<b>PRESENTATION</b>	<b>PRE COLOURED /NATURAL / BLACK</b>

## TECHNICAL DATA SHEET

<b>PROPERTIES</b>	<b>ASTM TEST METHOD</b>	<b>TEST CONDITION</b>	<b>UNIT</b>	<b>KALPLENE PP1G COLOR XXXX (VALUE)</b>
<b><u>PHYSICAL PROPERTIES</u> at 23 °C</b>				
Melt Flow Rate	D-1238	230°C/2.16kg	gm/10 min	05 ± 01
Specific Gravity*	D-792		-	0.97±0.02
<b><u>THERMAL PROPERTIES</u></b>				
Heat Deflection Temperature* 12.7mm x 6.4mm x 127mm Bar	D-648	18.56 Kg/cm <sup>2</sup>  Annealed at 110 Deg C/2 Hr	°C	80 ± 2
<b>FLAMMABILITY</b>	UL-94			HB
<b><u>MECHANICAL PROPERTIES</u></b>				
Notched Izod Impact Strength	D-256	3.2mm at 23 <sup>o</sup> C	Kgfc/cm	5.0 ± 1
Tensile Strength at yield	D-638	50 mm/min	Kg/cm <sup>2</sup>	480 ± 20
Flexural Modulus*	D-790	5 mm/min	Kg/cm <sup>2</sup>	33000 ± 1000

To be measured as & when necessary

It is necessary to pre-dry material at 85°C for 2 to 3 hours prior to processing.

Inj Mold Condition – 170 -190 °C

### DISCLAIMER:

The above Technical Data Sheet presents information and data, true and accurate to the best of our knowledge.

No warranty express or implied can be made regarding performance or otherwise.

(As this is computer generated, no signature is required)

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