



# Kkalpana Industries (India) Limited

<b>GRADE</b>	<b>KALPLENE PP UF FR</b>
<b>FEATURE</b>	<b>PP UN FILLED FLAME RETARDANT</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 PP UF FR COLOR XXXX (VALUE)</b>
<b><u>PHYSICAL PROPERTIES</u></b> at 23 °C				
Specific Gravity*	D-792		-	0.95±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	82 ± 2
<b><u>FLAMMABILITY</u></b>	UL-94			V0
<b><u>MECHANICAL PROPERTIES</u></b>				
Notched Izod Impact Strength	D-256	3.2mm at 23 <sup>o</sup> C	Kgfc/cm	11.0 ± 2
Tensile Strength at yield	D-638	50 mm/min	Kg/cm <sup>2</sup>	-
Flexural Modulus*	D-790	5 mm/min	Kg/cm <sup>2</sup>	-

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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