



# Kkalpana Industries (India) Limited

<b>GRADE</b>	<b>KKALPLOX 2G FRV0</b>
<b>FEATURE</b>	<b>PBT FRV0 GEN PURPOSE INJ MOL APPLICATION</b>
<b>PRESENTATION</b>	<b>PRECOLORED /WHITE/BLACK</b>

## TECHNICAL DATA SHEET

<b>PROPERTIES</b>	<b>ASTM TEST METHOD</b>	<b>TEST CONDITION</b>	<b>UNIT</b>	<b>KKALPALOX PBT 2G FRV0 COLOR XXXX (VALUE)</b>
<b><u>PHYSICAL PROPERTIES</u> at 23 °C</b>				
Melt Flow Rate	D-1238	250°C/2.16kg	gm./10 min	35±05
Specific Gravity*	D-792	-	-	1.46±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>	°C	205±01
<b><u>FLAMMABILITY</u></b>	UL-94			V0
<b><u>MECHANICAL PROPERTIES</u></b>				
Notched Izod impact strength	D-256	3.2mm at 23°C	Kgfc/cm	5.0±01
Tensile Strength at yield	D-638	50 mm/min	Kg/cm <sup>2</sup>	870±30
Flexural Strength	D-790	5 mm/min	Kg/cm <sup>2</sup>	1280±100
Flexural Modulus*	D-790	5 mm/min	Kg/cm <sup>2</sup>	48000±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.

### 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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