



# Kkalpana Industries (India) Limited

<b>GRADE</b>	<b>KALPLAC ABSXX FR V0</b>
<b>FEATURE</b>	<b>ABS GEN PURPOSE FLAME RETARDANT INJ MOLD APPLICATION</b>
<b>PRESENTATION</b>	<b>PRECOLORED / NATURAL/ BLACK</b>

## TECHNICAL DATA SHEET

<b>PROPERTIES</b>	<b>ASTM TEST METHOD</b>	<b>TEST CONDITION</b>	<b>UNIT</b>	<b>KALPLAC ABS XX FR V0 COLOR XXXX (VALUE)</b>
<b><u>PHYSICAL PROPERTIES at 23<sup>0</sup>C</u></b>				
Melt Flow Rate	D-1238	220°C/10kg	gm/10 min	≥ 50
Specific Gravity*	D-792	-	-	1.16 ± 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	90 ± 3
<b><u>FLAMMABILITY</u></b>				
	UL-94	-	-	V0
<b><u>MECHANICAL PROPERTIES</u></b>				
Notched Izod Impact Strength	D-256	6.4m at23°C	Kgfc/cm	16 ± 2
Tensile Strength At Yield	D-638	50 mm/min	Kg/cm <sup>2</sup>	410 ± 30
Flexural Strength	D-790	5 mm/min	Kg/cm <sup>2</sup>	655 ± 50
Flexural Modulus*	D-790	5 mm/min	Kg/cm <sup>2</sup>	22000 ± 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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