



# Kkalpana Industries (India) Limited

<b>GRADE</b>	<b>KALPLAC ABS XX</b>
<b>FEATURE</b>	<b>ABS GEN PURPOSE INJ MOL 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 COLOR XXXX (VALUE)</b>
<b><u>PHYSICAL PROPERTIES</u> at 23 °C</b>				
Melt Flow Rate	D-1238	220°C/10kg	gm/10 min	32 ± 3
Specific Gravity*	D-792	-	-	1.045 ± 0.05
<b><u>THERMAL PROPERTIES</u></b>				
Heat deflection temperature 12.7mm×6.4mm×127mm Bar	D-648	18.56Kg/cm <sup>2</sup>	°C	92 ± 2
<b>FLAMMABILITY</b>	UL-94			HB
<b><u>MECHANICAL PROPERTIES</u></b>				
Notched Izod impact strength	D-256	6.4mm At 23°C	Kgfc/cm	18 ± 2
Tensile Strength at yield	D-638	50 mm/min	Kg/cm <sup>2</sup>	425 ± 30
Flexural strength	D-790	5 mm/min	Kg/cm <sup>2</sup>	680± 50
Flexural Modulus*	D-790	5 mm/min	Kg/cm <sup>2</sup>	23000± 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)

**Surangi Works** : Survey No. - 320/1/1/2/2, Village - Surangi, Chikhali Road, Silvassa - 396240 (Dadra & Nagar Haveli), Tel : 0260-2406400, Mob : +91 9909006402, E-mail : surangi@kkalpana.co.in  
**Dadra Works** : Survey No - 24/3, Village : Demni, Demni Road, Dadra, Silvassa - 396193 (Dadra & Nagar Haveli) Tel: 0260-6544484, Mob : +91 9909006426, Fax No. : 0260-2668760, E-mail : dadra@kkalpana.co.in  
**Daman Works** : 168/151-158, Dabhel Industrial Co-operative Society Ltd., Dabhel, Daman - 396210 Tel: +91-0260-2242682 / 2241994, Fax : +91-0260-2243799, E-mail : daman@kkalpana.co.in

www.kkalpanagroup.com

CIN : L19202WB1985PLC039431