



Kkalpana Industries (India) Limited

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| GRADE | KALPLENE PP2T |
| FEATURE | PP TALC FILLED 20 % |
| PRESENTATION | PRE COLOURED /NATURAL / BLACK |

TECHNICAL DATA SHEET

| PROPERTIES | ASTM TEST METHOD | TEST CONDITION | UNIT | KALPLENE PP2T COLOR XXXX (VALUE) |
|--|-------------------------|--|--------------------|---|
| <u>PHYSICAL PROPERTIES</u> at 23 °C | | | | |
| Melt Flow Rate | D-1238 | 230°C/2.16kg | gm/10 min | 13 ± 3 |
| Specific Gravity* | D-792 | | - | 1.05±0.02 |
| Filler content | KIL | | % | 20±1 |
| <u>THERMAL PROPERTIES</u> | | | | |
| Heat Deflection Temperature* 12.7mm x 6.4mm x 127mm Bar | D-648 | 18.56 Kg/cm ² Annealed at 110 Deg C/2 Hr | °C | 115 ± 5 |
| <u>FLAMMABILITY</u> | | | | |
| | UL-94 | | | HB |
| <u>MECHANICAL PROPERTIES</u> | | | | |
| Notched Izod Impact Strength | D-256 | 3.2mm at 23 ^o C | Kgfc/cm | 4 ± 1 |
| Tensile Strength at yield | D-638 | 50 mm/min | Kg/cm ² | 240 ± 20 |
| Flexural Modulus* | D-790 | 5 mm/min | Kg/cm ² | 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.

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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