



Kkalpana Industries (India) Limited

GRADE	KALPLOY P-P2T COLOR XXXX
FEATURE	PBT/PET GEN PURPOSE INJ MOL APPLICATION
PRESENTATION	PRECOLORED (WHITE)

TYPICAL PROPERTY DATA

PROPERTIES	ASTM TEST METHOD	TEST CONDITION	UNIT	KALPLOY P-P 2T COLOR XXXX (VALUE)
<u>PHYSICAL PROPERTIES</u> at 23 °C				
Melt Flow Rate	D-1238	265°C/2.16kg	gm./10 min	≥40
Specific Gravity*	D-792		-	1.45±0.02
<u>THERMAL PROPERTIES</u>				
Heat deflection temperature 12.7mm ×6.4mm×127mm bar	D-648	18.56Kg/cm ²	°c	107± 2
<u>FLAMMABILITY</u>	UL-94	-	-	HB
<u>MECHANICAL PROPERTIES</u>				
Notched Izod impact strength	D-256	3.2mm At 23°C	Kgfc/cm	5 ± 1
Tensile Strength at yield	D-638	50 mm/min	Kg/cm ²	550 ± 30
Flexural Strength	D-790	5 mm/min	Kg/cm ²	1050 ± 50
Flexural Modulus*	D-790	5 mm/min	Kg/cm ²	50100 ± 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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