



Preliminary Technical Data Sheet

RAVAMID[®] C T H BK45

Polyamide 6/66 blend, impact modified and heat stabilized black color

PROPERTIES	NORM	UNIT	VALUE
<u>GENERAL</u>			
Density	ISO 1183	g/cm ³	1.11
Mould Shrinkage Parallel	ISO 2577	%	1.10
Mould Shrinkage Perpendicular	ISO 2577	%	1.50
Humidity Absorption	ISO 62	%	≤0.25
<u>THERMAL</u>			
HDT/A (unannealed) (1,82 MPa)	ISO 75 A	°C	60
HDT/B (unannealed) (0,45 MPa)	ISO 75 B	°C	185
Melting Temperature	DSC	°C	-
<u>MECHANICAL</u>			
Tensile strength (yield)	ISO 527	MPa	45
Tensile strength (break)	ISO 527	MPa	40
Elongation at break	ISO 527	%	25
Flexural modulus	ISO 178	MPa	2200
Tensile Modulus	ISO 527	MPa	2300
Charpy notched impact strength +23°C	ISO 179/1eA	KJ/m ²	13
Charpy unnotched impact strength +23°C	ISO 179/1eU	KJ/m ²	NB
<u>FLAMMABILITY</u>			
Flammability (3.20 mm)	UL	-	HB
Flammability (1.60 mm)	UL	-	HB
Glow Wire Flammability Index (2 mm)	IEC 60695-2-12	°C	650