



Preliminary Technical Data Sheet

RAVAMID[®] B GB15 BK

Polyamide 6 Black, 15% glass beads filled, industrial quality compound

PROPERTIES	NORM		UNIT	VALUE
<u>GENERAL</u>	ISO	ASTM		
Density	1183	D792	g/cm ³	1.23
Linear mould shrinkage	/	D955	%	1.0-1.2
Humidity	960	-	%	≤0.20
<u>TERMICHE/ THERMAL</u>				
VICAT B50	306	D1525	°C	190
HDT/A (annealed)	75	D648	°C	60
<u>MECCANICHE/ MECHANICAL</u>				
Tensile strength (yield)	527	D638	MPa	55
Tensile strength (break)	527	D638	MPa	50
Elongation at break	527	D638	%	35
Flexural modulus	178	D790	MPa	2400
Tensile modulus	527	D638	MPa	3100
Izod Impact +23 °C (notched)	180/1A	D256	KJ/m ²	5
Charpy Impact + 23 °C (notched)	179/1A	-	KJ/m ²	5
Charpy Impact + 23 °C (unnotched)	179/1U	-	KJ/m ²	50
<u>FLAMMABILITY</u>				
Flammability 3,2 mm	UL94		-	HB
Flammability 1.6 mm	UL94		-	HB
Glow Wire Flammability Index 2,0 mm	IEC 60695-2-12		°C	650
Burning rate 3,2 mm	FMVSS302		Mm/min	<100