

Ravamid® B ST BK

Polyamide 6
Industrial Quality Compound

Description:

Polyamide 6 black containing recycled material, high impact modified

General

Density	ISO 1183	1.09	g/cm ³
Mold shrinkage (Parallel)		1.04	%
Mold shrinkage (Perpendicular)		1.12	%

Thermal

HDT/A (1,82MPa)	ISO 75A	58	°C
-----------------	---------	----	----

Mechanical

Charpy notched impact strength (23 °C)	ISO 179	11,5	kJ/m ²
Tensile stress at yield	ISO 527	45	MPa
Tensile stress at break	ISO 527	40	MPa
Elongation at break	ISO 527	22	%
Flex modulus	ISO 178	2100	MPa
Izod impact (+23°C (notched))	ISO 180	13	kJ/m ²

Flammability

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C

Various

Humidity	ISO 960	≤0.25	%
----------	---------	-------	---