



# Ravamid® B T BK45

## Ravago Manufacturing Europe - Polyamide 6

### General Information

#### Product Description

Polyamide 6 black containing recycled material, impact modified, also available UV Stabilized (UV) and heat stabilized (H)

#### General

Material Status	• Commercial: Active
Availability	• Europe
Additive	• Impact Modifier
Recycled Content	• Yes
Features	• Impact Modified
Appearance	• Black

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.11	g/cm <sup>3</sup>	ISO 1183
Molding Shrinkage - Flow	1.0	%	ISO 2577
Humidity	< 0.25	%	ISO 960
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	55.0	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	45.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	20	%	ISO 527-2
Flexural Modulus (23°C)	2300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	11	kJ/m <sup>2</sup>	ISO 179
Notched Izod Impact Strength (23°C)	11	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	50.0	°C	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.6 mm		HB	
3.2 mm		HB	
Glow Wire Flammability Index (2.0 mm)	650	°C	IEC 60695-2-12

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.