

Ravamid® B MF20

Polyamide 6

Ravago Group

Message:

Black or Grey, 20% mineral filled, general purpose

All the products are also available Heat Stabilized (H) and UV Stabilized (UV)

General Information	
Filler / Reinforcement	Mineral,20% Filler by Weight
Recycled Content	Yes
Features	General Purpose
Uses	General Purpose
Appearance	Black
	Grey

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ASTM D792, ISO 1183
Molding Shrinkage - Flow	0.95 to 1.1	%	ASTM D955
Humidity	< 0.20	%	ISO 960

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	52.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	5.0	%	ASTM D638, ISO 527-2
Flexural Modulus	3700	MPa	ASTM D790, ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	70	kJ/m ²	ISO 179/1eU
Notched Izod Impact (Area) (23°C)	6.50	kJ/m ²	ASTM D256
Notched Izod Impact Strength (23°C)	6.5	kJ/m ²	ISO 180/1A

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	85.0	°C	ASTM D648, ISO 75-2/A
Vicat Softening Temperature	200	°C	ISO 306/B50, ASTM D1525 1

Flammability	Nominal Value	Unit	Test Method
Burning Rate (3.20 mm)	< 100	mm/min	FMVSS 302
Flame Rating			UL 94
1.60 mm	HB		
3.20 mm	HB		
Glow Wire Flammability Index (2.00 mm)	650	°C	IEC 60695-2-12

NOTE

1. Rate A (50°C/h), Loading 2 (50 N)

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