

Ravamid® B ST NC

Polyamide 6

Ravago Group

Message:

Natural, elastomer modified, high impact

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

General Information			
Additive	Impact Modifier		
Recycled Content	Yes		
Features	High Impact Resistance		
	Impact Modified		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792, ISO 1183
Molding Shrinkage - Flow	1.0 to 1.1	%	ASTM D955
Humidity	< 0.25	%	ISO 960
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638, ISO 527-2
Yield	45.0	MPa	
Break	40.0	MPa	
Tensile Elongation (Break)	70	%	ASTM D638, ISO 527-2
Flexural Modulus	1500	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	10	kJ/m ²	
23°C	14	kJ/m ²	
Notched Izod Impact (Area)			ASTM D256
-30°C	10.5	kJ/m ²	
23°C	14.0	kJ/m ²	
Notched Izod Impact Strength			ISO 180/1A
-30°C	11	kJ/m ²	
23°C	14	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	50.0	°C	ASTM D648, ISO 75-2/A
Vicat Softening Temperature	190	°C	ISO 306/B50, ASTM D1525 1
Flammability	Nominal Value	Unit	Test Method
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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