

UBESTA 3020X8

Polyamide 12

UBE America, Inc.

Message:

UBESTA 3020X8 is a polyamide 12 (nylon 12) material. This product is available in North America.

General Information			
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (235°C/2.16 kg)	18	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, 23°C	41.0	MPa	ASTM D638
Fracture, 23°C	54.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	250	%	ASTM D638
Flexural Modulus (23°C)	1400	MPa	ASTM D790
Flexural Strength (23°C)	54.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	54	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	145	°C	ASTM D648
Melting Temperature	178	°C	
Additional Information			

The value listed as Melting Point was tested in accordance with ASTM D3418.Tensile Strength at Break, ASTM D638, 23°C: >54 MPaTensile Elongation at Break, ASTM D638, 23°C: >250%

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Recommended distributors for this material

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