

Borealis PP MD200U

Polypropylene Copolymer

Borealis AG

Technical Data

Product Description

Borealis PP MD200U is a Polypropylene Copolymer (PP Copolymer) product filled with filler. It can be processed by injection molding and is available in Europe. Primary characteristic: good uv resistance.

General

Filler / Reinforcement	• Filler		
Features	• Good UV Resistance		
Forms	• Pellets		
Processing Method	• Injection Molding		
Multi-Point Data	• Isothermal Stress vs. Strain (ISO 11403-1)	• Secant Modulus vs. Strain (ISO 11403-1)	• Viscosity vs. Shear Rate (ISO 11403-2)

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile modulus	496000 psi	3420 MPa	ISO 527-2 ²
Tensile Stress (Yield)	5080 psi	35.0 MPa	ISO 527-2 ²
Tensile Strain (Yield)	3.6 %	3.6 %	ISO 527-2 ²
Nominal strain at break	11 %	11 %	ISO 527-2 ²
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy impact strength (73°F (23°C))	14.5 ft·lb/in ²	30.5 kJ/m ²	ISO 179/1eU ²
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Burning Behav. at 1.6mm nom. thickn. 0.06 in (1.60 mm)	HB	HB	ISO 1210 ²

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