

Matrixx WPP2C20

Polypropylene Copolymer

The Matrixx Group, Inc.

Message:

Matrixx WPP2C20 is a polypropylene copolymer (PP Copoly) material, which contains 20% mineral fillers. This product is available in North America.

The main features of the Matrixx WPP2C20 are:

flame retardant/rated flame

Copolymer

General Information			
Filler / Reinforcement	Mineral filler, 20% filler by weight		
Features	Copolymer		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.90 - 1.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.1	MPa	ASTM D638
Flexural Modulus	1790	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	37	J/m	ASTM D256
Dart Drop Impact	4.52	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
RTI Elec	65.0	°C	UL 746
RTI Imp	65.0	°C	UL 746
RTI	65.0	°C	UL 746
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	HB	UL 94	
Additional Information			

The value listed as Mold Shrinkage, ASTM D955, was tested in accordance with Matrixx test methods.

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Recommended distributors for this material

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