

Matrixx 15A4201

Polypropylene
The Matrixx Group, Inc.

Message:

Matrixx 15A4201 is a polypropylene material, and the filler is 20% talc filler. This product is available in North America.
The main features of Matrixx 15A4201 are:
flame retardant/rated flame
Flame Retardant

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Additive	Flame retardancy		
Features	Flame retardancy		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.70 - 1.0	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20.7	MPa	ASTM D638
Flexural Modulus - Tangent	2410	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	53	J/m	ASTM D256
Dart Drop Impact	7.91	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	116	°C	ASTM D648
1.8 MPa, not annealed	68.3	°C	ASTM D648
RTI	105	°C	UL 746
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	V-0		UL 94
3.00 mm	5VA		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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