

Matrixx 14A4152

Polypropylene
The Matrixx Group, Inc.

Message:

Matrixx 14A4152 is a polypropylene material that contains a 15% talc filler. This product is available in North America.
The main features of Matrixx 14A4152 are:
flame retardant/rated flame
Flame Retardant

| General Information | | | |
|---|-----------------------------------|-------------------|-------------|
| Filler / Reinforcement | Talc filler, 15% filler by weight | | |
| Additive | Flame retardancy | | |
| Features | Flame retardancy | | |
| Forms | Particle | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.31 | 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 | 0.80 - 1.2 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 22.1 | MPa | ASTM D638 |
| Flexural Modulus | 2170 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 53 | J/m | ASTM D256 |
| Dart Drop Impact | 11.3 | J | ASTM D5420 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load | | | ASTM D648 |
| 0.45 MPa, not annealed | 113 | °C | ASTM D648 |
| 1.8 MPa, not annealed | 65.6 | °C | ASTM D648 |
| 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) | V-0 | | 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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