

Technical Data Sheet

Matrixx 14N6022

Polypropylene
LyondellBasell Industries
Engineering Plastics

| General | |
|-----------------|----------------------------------|
| Material Status | • Commercial: Active |
| Availability | • North America |
| Additive | • Flame Retardant |
| Features | • Flame Retardant • Low Blooming |
| Forms | • Pellets |

| Physical | Nominal Value (English) | Nominal Value (SI) | Test Method |
|---|-------------------------|-------------------------|-------------|
| Density / Specific Gravity | 0.990 | 0.988 g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg) | 18 g/10 min | 18 g/10 min | ASTM D1238 |

| Mechanical | Nominal Value (English) | Nominal Value (SI) | Test Method |
|--------------------------|-------------------------|--------------------|-------------|
| Tensile Strength (Yield) | 3500 psi | 24.1 MPa | ASTM D638 |
| Flexural Modulus | 175000 psi | 1210 MPa | ASTM D790 |

| Impact | Nominal Value (English) | Nominal Value (SI) | Test Method |
|---------------------|-------------------------|--------------------|-------------|
| Notched Izod Impact | 2.0 ft·lb/in | 110 J/m | ASTM D256 |
| Gardner Impact | 170 in·lb | 19.2 J | ASTM D5420 |

| Thermal | Nominal Value (English) | Nominal Value (SI) | Test Method |
|--|-------------------------|--------------------|-------------|
| Deflection Temperature Under Load 66 Psi (0.45 Mpa), Unannealed | 190 °F | 87.8 °C | ASTM D648 |
| RTI Elec | 149 °F | 65.0 °C | UL 746B |
| RTI Imp | 149 °F | 65.0 °C | UL 746B |
| RTI Str | 149 °F | 65.0 °C | UL 746B |

| Flammability | Nominal Value (English) | Nominal Value (SI) | Test Method |
|---------------------------------|-------------------------|--------------------|-------------|
| Flame Rating (0.06 In (1.5 Mm)) | V-0 | V-0 | UL 94 |

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

Notes

These are typical property values not to be construed as specification limits.