

Technical Data Sheet

Network Polymers Pp PPR 20 3401 CAS

Polypropylene Random Copolymer
 LyondellBasell Industries
 Engineering Plastics

| General | | | |
|-------------------|--------------------------------------|---|---------------------------|
| Additive | • Antistatic | • Clarifier | • Nucleating Agent |
| Features | • Antistatic • Fast Molding Cycle | • Food Contact Acceptable • Good Toughness | • Low Warp • Nucleated |
| Uses | • Thin-walled Parts | | |
| Agency Ratings | • FDA 21 CFR 177.1520 | | |
| Processing Method | • Injection Molding | | |

| Physical | Nominal Value (English) | Nominal Value (SI) | Test Method |
|--|-------------------------|-------------------------|-------------|
| Density / Specific Gravity | 0.902 | 0.900 g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) ¹ (230°C/2.16 Kg) | 34 g/10 min | 34 g/10 min | ASTM D1238 |

| Mechanical | Nominal Value (English) | Nominal Value (SI) | Test Method |
|---|-------------------------|--------------------|-------------|
| Tensile Strength ² (Yield) | 3600 psi | 24.8 MPa | ASTM D638 |
| Tensile Elongation ² (Yield) | 11 % | 11 % | ASTM D638 |
| Flexural Modulus ³ | 125000 psi | 862 MPa | ASTM D790B |

| Impact | Nominal Value (English) | Nominal Value (SI) | Test Method |
|--|-------------------------|--------------------|-------------|
| Notched Izod Impact (0.125 In (3.18 Mm)) | 1.5 ft·lb/in | 80 J/m | ASTM D256A |

| Thermal | Nominal Value (English) | Nominal Value (SI) | Test Method |
|--|-------------------------|--------------------|-------------|
| Deflection Temperature Under Load 66 Psi (0.45 Mpa), Unannealed | 176 °F | 80.0 °C | ASTM D648 |

Notes

- ¹ Procedure A
- ² 2.0 in/min (51 mm/min)
- ³ Method I (3 point load), 0.050 in/min (1.3 mm/min)

Notes

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