

Technical Data Sheet

## Network Polymers Pp PP 25-1503 GF10 BLACK

Polypropylene  
LyondellBasell Industries  
Engineering Plastics

### Product Description

PP 25-1503 GF10 is a 10% Glass-Filled, Chemically-Coupled, Impact-Modified Polypropylene

### General

|                        |                                     |
|------------------------|-------------------------------------|
| Material Status        | • Commercial: Active                |
| Availability           | • North America                     |
| Filler / Reinforcement | • Glass Fiber, 10% Filler by Weight |
| Features               | • Chemically Coupled                |
| Appearance             | • Black                             |
| Processing Method      | • Injection Molding                 |

| Physical                                                           | Nominal Value (English) | Nominal Value (SI)      | Test Method |
|--------------------------------------------------------------------|-------------------------|-------------------------|-------------|
| Density / Specific Gravity                                         | 0.972                   | 0.970 g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) <sup>1</sup> (230°C/2.16 Kg)             | 15 g/10 min             | 15 g/10 min             | ASTM D1238  |
| Mechanical                                                         | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Tensile Strength (Yield)                                           | 5790 psi                | 39.9 MPa                | ASTM D638   |
| Flexural Modulus - Tangent                                         | 293000 psi              | 2020 MPa                | ASTM D790B  |
| Impact                                                             | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Notched Izod Impact                                                | 2.7 ft·lb/in            | 140 J/m                 | ASTM D256   |
| Thermal                                                            | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Deflection Temperature Under Load<br>66 Psi (0.45 Mpa), Unannealed | 294 °F                  | 146 °C                  | ASTM D648   |
| Additional Information                                             | Nominal Value (English) | Nominal Value (SI)      | Test Method |
| Filler Content                                                     | 10 %                    | 10 %                    | ASTM D2584  |

### Notes

<sup>1</sup> Procedure A

### Notes

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