

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 ³	ASTM D792
Melt Mass-Flow Rate (MFR) ¹ (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 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

¹ Procedure A

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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