

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.