Complet™ LCF20-PP 1014 NAT

Polypropylene Homopolymer

Key Characteristics

General	
Material Status	• Commercial: Active
Regional Availability	• North America
Filler / Reinforcement	• Long Carbon Fiber, 20% Filler by Weight
Forms	• Pellets

Technical Properties [1]

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	1.00	1.00	ASTM D792
Mechanical	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Modulus	1.45E+6 psi	10000 MPa	ASTM D638
Tensile Strength	18000 psi	124 MPa	ASTM D638
Tensile Elongation (Yield)	1.0 to 2.0 %	1.0 to 2.0 %	ASTM D638
Flexural Modulus	1.20E+6 psi	8270 MPa	ASTM D790
Flexural Strength	24500 psi	169 MPa	ASTM D790
Impact	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Notched Izod Impact	2.5 ft·lb/in	130 J/m	ASTM D256
Unnotched Izod Impact	8.1 ft·lb/in	430 J/m	ASTM D4812

Notes

[1] Typical values are not to be construed as specifications.

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