



Property Data

Product Name	LCF40-TPU 1014 NAT
Resin	Rigid Thermoplastic Polyurethane
Fiber Type	Carbon
Fiber Content (Weight %)	40
Specific Gravity	1.38
Tensile Strength (psi)	38,000 (ASTM D-638)
Tensile Modulus (ksi)	4200 (ASTM D-638)
Tensile Elongation (%)	1-2 (ASTM D-638)
Flexural Strength (psi)	62,000 (ASTM D-790)
Flexural Modulus (ksi)	4100 (ASTM D-790)
Notched Izod Impact (ft-lb/in)	5.5 (ASTM D-256)
Un-notched Impact (ft-lb/in)	21.0 (ASTM D-4812)
DTUL (°F @ 264 PSI)	235 °F (ASTM D-648)

Please Read:

Values included in this Property Data Sheet are based on limited laboratory test specimens. These values are typical values and are not meant to be used for setting maximum or minimum values for specification purposes. Any determination of the suitability of the materials shown in this property data sheet for use by the end user is the sole responsibility of the user, who must assure himself that the material as subsequently processed meets the need of his particular product or use. To the best of our knowledge the information in this publication is accurate and reliable, PlastiComp does not assume any liability whatsoever for the accuracy of this information.

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