

PLASTRON™ PA66-CF40-01

Polyamide 66
Daicel Polymer Ltd.

Technical Data

General	
Material Status	• Commercial: Active
Search for UL Yellow Card	• Daicel Polymer Ltd. • PLASTRON™
Availability	• Asia Pacific
Filler / Reinforcement	• Long Carbon Fiber, 40% Filler by Weight
Forms	• Pellets

Physical	Nominal Value Unit	Test Method
Density	1.33 g/cm³	ISO 1183
Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	32000 MPa	ISO 527-2
Tensile Stress (Yield)	330 MPa	ISO 527-2
Tensile Strain (Break)	1.0 %	ISO 527-2
Flexural Modulus	28000 MPa	ISO 178
Flexural Strength	485 MPa	ISO 178
Impact	Nominal Value Unit	Test Method
Charpy Notched Impact Strength	30 kJ/m²	ISO 179/1eA
Thermal	Nominal Value Unit	Test Method
Heat Deflection Temperature 1.8 MPa, Unannealed	262 °C	ISO 75-2/A

Notes

¹ Typical properties: these are not to be construed as specifications.