

Technical Data Sheet

POLYFORT® PP 3495UX

Polypropylene
Engineering Plastics

Product Description

PP High Flow High Impact Unfilled

General

Material Status	• Commercial: Active
Availability	• North America
Features	• High Flow • High Impact Resistance
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.902	0.900 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	3480 psi	24.0 MPa	ASTM D638
Tensile Elongation ¹ (Break)	350 %	350 %	ASTM D638
Flexural Modulus ²	160000 psi	1100 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.9 ft·lb/in	100 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 psi (0.45 MPa), Unannealed	230 °F	110 °C	
264 psi (1.8 MPa), Unannealed	140 °F	60.0 °C	

Notes

¹ 2.0 in/min (50 mm/min)

² 0.051 in/min (1.3 mm/min)

Notes

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