

Technical Data Sheet

# Accutech TPU030G20V

Thermoplastic Polyurethane Elastomer

LyondellBasell Industries

Engineering Plastics

General	
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Uses	• Automotive Applications
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.30	1.30 g/cm <sup>3</sup>	ASTM D792

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	123000 psi	850 MPa	ASTM D638
Tensile Strength (Yield)	4930 psi	34.0 MPa	ASTM D638
Tensile Elongation (Break)	40 %	40 %	ASTM D638
Flexural Modulus	123000 psi	850 MPa	ASTM D790
Flexural Strength	5800 psi	40.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	8.0 ft·lb/in	430 J/m	ASTM D256

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	60	60	ASTM D2240

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 66 Psi (0.45 Mpa), Unannealed	144 °F	62.0 °C	ASTM D648

**Notes**

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