

Technical Data Sheet

Accutech SAN930G40L

Styrene Acrylonitrile
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Glass Fiber, 40% Filler by Weight		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.37	1.37 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 Kg)	2.0 g/10 min	2.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	1.00E+6 psi	6900 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	13800 psi	95.0 MPa	
Break	13800 psi	95.0 MPa	
Tensile Elongation			ASTM D638
Yield	2.0 %	2.0 %	
Break	3.0 %	3.0 %	
Flexural Modulus	1.81E+6 psi	12500 MPa	ASTM D790
Flexural Strength	19300 psi	133 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.86 ft·lb/in	46 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	118	118	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	216 °F	102 °C	
264 Psi (1.8 Mpa), Unannealed	208 °F	98.0 °C	

Notes

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