

Technical Data Sheet

Accutech SAN930G10L

Styrene Acrylonitrile
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Glass Fiber, 10% Filler by Weight		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.14	1.14 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 Kg)	3.0 g/10 min	3.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	595000 psi	4100 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	12200 psi	84.0 MPa	
Break	12200 psi	84.0 MPa	
Tensile Elongation			ASTM D638
Yield	3.0 %	3.0 %	
Break	4.0 %	4.0 %	
Flexural Modulus	783000 psi	5400 MPa	ASTM D790
Flexural Strength	16400 psi	113 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.64 ft·lb/in	34 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	120	120	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	212 °F	100 °C	
264 Psi (1.8 Mpa), Unannealed	196 °F	91.0 °C	

Notes

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