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Technical Data Sheet

Accucomp SAN900L

Styrene Acrylonitrile
LyondellBasell Industries
Engineering Plastics

General	
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.07	1.07 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°c/10.0 Kg)	6.0 g/10 min	6.0 g/10 min	ASTM D1238
Mechanical	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Modulus	421000 psi	2900 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	9860 psi	68.0 MPa	
Break	9860 psi	68.0 MPa	
Tensile Elongation			ASTM D638
Yield	3.0 %	3.0 %	
Break	4.0 %	4.0 %	
Flexural Modulus	595000 psi	4100 MPa	ASTM D790
Flexural Strength	15500 psi	107 MPa	ASTM D790
Impact	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Notched Izod Impact (0.125 In (3.18 Mm))	0.19 ft·lb/in	10 J/m	ASTM D256
Hardness	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Rockwell Hardness (R-scale)	124	124	ASTM D785
Thermal	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	196 °F	91.0 °C	
264 Psi (1.8 Mpa), Unannealed	174 °F	79.0 °C	

Notes

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