

Diamond 1011594CT SAN E-15329 WWHI

LyondellBasell Industries - Styrene Acrylonitrile

General Information

Product Description

SAN Graphite/Glass

General

Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.28 to 1.33		ASTM D792A
Melt Mass-Flow Rate (MFR)	2.0 to 15	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield, 73°F)	7010	psi	ASTM D638
Flexural Modulus - Chord ³ (73°F)	1.00E+6	psi	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	0.39	ft-lb/in	ASTM D256A

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	180	°F
Drying Time	2.0 to 4.0	hr
Processing (Melt) Temp	390 to 540	°F
Mold Temperature	140	°F
Injection Rate	Moderate-Fast	

Notes

¹ Typical properties: these are not to be construed as specifications.

² Type I, 0.20 in/min

³ Method I (3 point load), Type I, 0.051 in/min