

Technical Data Sheet

SCHULADUR[®] A NV12LHI

Polybutylene Terephthalate
Engineering Plastics

Product Description

PBT High Flow

General

Features	• High Flow
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.27	1.27 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	6240 psi	43.0 MPa	ASTM D638
Tensile Elongation ¹ (Break)	35 %	35 %	ASTM D638
Flexural Modulus ²	326000 psi	2250 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	2.1 ft-lb/in	110 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 psi (1.8 MPa), Unannealed	126 °F	52.0 °C	ASTM D648

Notes

¹ 2.0 in/min (50 mm/min)

² 0.051 in/min (1.3 mm/min)

Notes

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