

Technical Data Sheet

SCHULAMID[®] 66 MV HI20

Polyamide 66
Engineering Plastics

Product Description

Impact modified and heatstabilized polyamide 66 grade

General

Processing Method	• Injection Molding
Resin ID (ISO 1043)	• PA66I

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.10 g/cm ³	1.10 g/cm ³	ISO 1183/A
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	363000 psi	2500 MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	9430 psi	65.0 MPa	ISO 527-2/1A/50
Nominal Tensile Strain at Break	> 40 %	> 40 %	ISO 527-2/1A/50
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-22°F (-30°C)	7.1 ft·lb/in ²	15 kJ/m ²	
73°F (23°C)	11 ft·lb/in ²	23 kJ/m ²	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Heat Deflection Temperature			ISO 75-2/B
264 psi (1.8 MPa), Unannealed	131 °F	55.0 °C	

Notes

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