

AD majoris VENYL SG108 NOIR 8689/20509 (Cond)



Prospector

Polyamide 6

Product Description

VENYL SG108 NOIR 8689/20509 is a 15 % glass fibre reinforced polyamide 6 intended for Injection moulding.

APPLICATIONS

VENYL SG108 NOIR 8689/20509 has been developed especially for very demanding applications in automotive industry and electrical parts.

Products requiring excellent combination between thermal and mechanical properties.

VENYL SG108 NOIR 8689/20509 is available in both black (VENYL SG108 - 8229) and natural (VENYL SG108) but other colours can be provided on request.

General

Material Status	• Commercial: Active
Availability	• Europe
Filler / Reinforcement	• Glass Fiber Reinforcement, 15% Filler by Weight
Uses	• Automotive Applications • Electrical/Electronic Applications
Appearance	• Black • Colors Available • Natural Color
Forms	• Pellets
Processing Method	• Injection Molding

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4000	MPa	ISO 527-2
Tensile Stress (Break)	70.0	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Flexural Modulus	2800	MPa	ISO 178
Flexural Strength	115	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength	35	kJ/m ²	ISO 179

Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+10	ohms	IEC 60093
Volume Resistivity	1.0E+12	ohm·cm	IEC 60093

Additional Information

Izod Notched Impact Strength, ISO R 180: 70 J/m

Notes

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

Revision History

Document Created: Tuesday, August 04, 2009
Added to Prospector: March, 2007
Last Updated: 3/28/2007