

Technical Data Sheet

Accuguard HPN469V2CSL

Polypropylene Homopolymer

LyondellBasell Industries

Engineering Plastics

General	
Filler / Reinforcement	• Copper
Features	• Halogen Free
UL File Number	• E99379
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.01	1.01 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	30 g/10 min	30 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	276000 psi	1900 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	3480 psi	24.0 MPa	
Break	5080 psi	35.0 MPa	
Flexural Modulus	276000 psi	1900 MPa	ASTM D790
Flexural Strength	5800 psi	40.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.51 ft·lb/in	27 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	100	100	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	133 °F	56.0 °C	
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.06 In (1.6 Mm))	V-2	V-2	UL 94

Notes

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