

Technical Data Sheet

Accuguard HP0369V2CSL

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

General			
Features	• Flame Retardant		
UL File Number	• E99379(N)		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.925	0.923 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	8.0 g/10 min	8.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	232000 psi	1600 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	5660 psi	39.0 MPa	
Break	3630 psi	25.0 MPa	
Tensile Elongation			ASTM D638
Yield	8.0 %	8.0 %	
Break	30 %	30 %	
Flexural Modulus	247000 psi	1700 MPa	ASTM D790
Flexural Strength	6820 psi	47.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.84 ft-lb/in	45 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	221 °F	105 °C	
264 Psi (1.8 Mpa), Unannealed	136 °F	58.0 °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.