

Technical Data Sheet

Accuguard HP0362V0CSL

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	0.990	0.988 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	5.0 g/10 min	5.0 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	5370 psi	37.0 MPa	
Break	2900 psi	20.0 MPa	
Tensile Elongation			ASTM D638
Yield	8.0 %	8.0 %	
Break	40 %	40 %	
Flexural Modulus	232000 psi	1600 MPa	ASTM D790
Flexural Strength	6240 psi	43.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.94 ft·lb/in	50 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	94	94	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	131 °F	55.0 °C	
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.06 In (1.6 Mm))	V-0	V-0	UL 94

Notes

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