

Technical Data Sheet

Accuguard LD0168V2CSL

Low Density Polyethylene
LyondellBasell Industries
Engineering Plastics

General			
Features	• Flame Retardant	• High Heat Resistance	• Low Density
Uses	• Appliances	• Electrical/Electronic Applications	
UL File Number	• E99379		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.992	0.990 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 Kg)	12 g/10 min	12 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	52200 psi	360 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	1740 psi	12.0 MPa	
Break	1450 psi	10.0 MPa	
Tensile Elongation			ASTM D638
Yield	13 %	13 %	
Break	> 500 %	> 500 %	
Flexural Modulus	58000 psi	400 MPa	ASTM D790
Flexural Strength	1600 psi	11.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	No Break	No Break	ASTM D256

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	56	56	ASTM D2240

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.