

## Technical Data Sheet

# Accucomp LD0102L

Low Density Polyethylene  
LyondellBasell Industries  
Engineering Plastics

General			
Features	• Low Density		
Forms	• Pellets		
Physical			
Density / Specific Gravity	Nominal Value (English)	Nominal Value (SI)	Test Method
	0.924	0.922 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°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	43100 psi	297 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	2030 psi	14.0 MPa	
Break	2030 psi	14.0 MPa	
Tensile Elongation			ASTM D638
Yield	400 %	400 %	
Break	500 %	500 %	
Flexural Modulus	43500 psi	300 MPa	ASTM D790
Flexural Strength	1310 psi	9.00 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
Rockwell Hardness (R-scale)	46	46	ASTM D785
Thermal			
	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 66 Psi (0.45 Mpa), Unannealed	109 °F	43.0 °C	ASTM D648

### Notes

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