

Technical Data Sheet

# Accucomp HD0204UVL

High Density Polyethylene  
LyondellBasell Industries  
Engineering Plastics

General			
Additive	• UV Stabilizer		
Features	• High Density	• UV Resistant	
Forms	• Pellets		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.953	0.951 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 Kg)	7.0 g/10 min	7.0 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	145000 psi	1000 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	3770 psi	26.0 MPa	
Break	2030 psi	14.0 MPa	
Tensile Elongation			ASTM D638
Yield	10 %	10 %	
Break	500 %	500 %	
Flexural Modulus	116000 psi	800 MPa	ASTM D790
Flexural Strength	3050 psi	21.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.5 ft·lb/in	80 J/m	ASTM D256

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	50	50	ASTM D785

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	190 °F	88.0 °C	
264 Psi (1.8 Mpa), Unannealed	113 °F	45.0 °C	

**Notes**

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