

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 ³	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.