

Technical Data Sheet

Accutech HP0315V

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

General			
Features	• Heat Aging Resistant		
Uses	• Automotive Applications		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.905	0.903 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	181000 psi	1250 MPa	ASTM D638
Tensile Strength (Yield)	5220 psi	36.0 MPa	ASTM D638
Tensile Elongation (Break)	25 %	25 %	ASTM D638
Flexural Modulus	210000 psi	1450 MPa	ASTM D790
Flexural Strength	5800 psi	40.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.51 ft·lb/in	27 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	86	86	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	241 °F	116 °C	
264 Psi (1.8 Mpa), Unannealed	136 °F	58.0 °C	
Electrical	Nominal Value (English)	Nominal Value (SI)	Test Method
Dielectric Strength	750 V/mil	30 kV/mm	ASTM D149

Notes

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