

Accucomp CP0402V

Polypropylene Copolymer

LyondellBasell Industries

Engineering Plastics

General			
Uses	• Automotive Applications		
Automotive Specifications	• CHRYSLER MS-DC-243 Type C		
Forms	• Pellets		
Processing Method	• Extrusion		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.910	0.908 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	0.50 g/10 min	0.50 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	98600 psi	680 MPa	ASTM D638
Tensile Strength (Yield)	3630 psi	25.0 MPa	ASTM D638
Tensile Elongation (Break)	350 %	350 %	ASTM D638
Flexural Modulus	98600 psi	680 MPa	ASTM D790
Flexural Strength	4350 psi	30.0 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)	62	62	ASTM D2240

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	144 °F	62.0 °C	
264 Psi (1.8 Mpa), Unannealed	118 °F	48.0 °C	

Notes

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

