

Technical Data Sheet

Accucomp CP0425BAV

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General			
Features	• Expandable		
Uses	• Automotive Applications		
Automotive Specifications	• CHRYSLER MS-DB-64		
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)	7.0 g/10 min	7.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	174000 psi	1200 MPa	ASTM D638
Tensile Strength (Yield)	3630 psi	25.0 MPa	ASTM D638
Tensile Elongation (Break)	50 %	50 %	ASTM D638
Flexural Modulus	174000 psi	1200 MPa	ASTM D790
Flexural Strength	4930 psi	34.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.81 ft·lb/in	43 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	90	90	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	230 °F	110 °C	
264 Psi (1.8 Mpa), Unannealed	136 °F	58.0 °C	
Additional Information			
Flammability, FMVSS: 25 mm/min			

Notes

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