

Technical Data Sheet

# Accucomp CP0425BAV

Polypropylene Copolymer  
 LyondellBasell Industries  
 Engineering Plastics

General	
Features	<ul style="list-style-type: none"> <li>Expandable</li> </ul>
Uses	<ul style="list-style-type: none"> <li>Automotive Applications</li> </ul>
Automotive Specifications	<ul style="list-style-type: none"> <li>CHRYSLER MS-DB-64</li> </ul>
Forms	<ul style="list-style-type: none"> <li>Pellets</li> </ul>

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.905	0.903 g/cm <sup>3</sup>	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.