

ExxonMobil Exxtral™ CMV 205 Performance Polyolefin (discontinued **)

Categories: [Polymer](#); [Thermoplastic](#); [Ethylene Butyl Acrylate](#)

Material Notes: Product Description: A specialty thermoplastic polyolefin resin characterized by high stiffness and designed for automotive interior applications in which good surface finish and good UV resistance are required.

Availability: Africa & Middle East, Asia Pacific, Europe, South America and North America

Features:

- Balanced Stiffness/Toughness
- Good Dimensional Stability
- Good Colorability
- Good Impact Resistance
- Good Surface Finish
- Low to No Fogging


Uses:

- Automotive Applications
- Automotive Interior Parts
- Automotive Interior Trim

Processing Method: Injection Molding

Information provided by ExxonMobil

Vendors: No vendors are listed for this material. Please [click here](#) if you are a supplier and would like information on how to add your listing to this material.

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	ISO 1183
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 230 °C	20 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133
Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	17.5 MPa	2540 psi	ISO 527-2/50
Tensile Strength, Yield	22.0 MPa	3190 psi	ISO 527-2/50
Elongation at Break	21 %	21 %	ISO 527-2/50
Elongation at Yield	3.0 %	3.0 %	ISO 527-2/50
Tensile Modulus	2.10 GPa	305 ksi	Secant; ISO 527-2
Charpy Impact, Notched 	0.315 J/cm ² @Temperature 0.000 °C	1.50 ft-lb/in ² @Temperature 32.0 °F	Complete Break; ISO 179
	0.609 J/cm ² @Temperature 22.8 °C	2.90 ft-lb/in ² @Temperature 73.0 °F	Complete Break; ISO 179
Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	113 °C	235 °F	ISO 75-2/B
Deflection Temperature at 1.8 MPa (264 psi)	57.8 °C	136 °F	ISO 75-2/A

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Materials flagged as discontinued (🚫) are no longer part of the manufacturer's standard product line according to our latest information. These materials may be available by special order, in distribution inventory, or reinstated as an active product. Data sheets from materials that are no longer available remain in MatWeb to assist users in finding replacement materials.

Users of our Advanced Search (registration required) may exclude discontinued materials from search results.

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