STERLENE™ CMV207

Thermoplastic Polyolefin Elastomer

R&P; (Pte.) Ltd.

Message:

STERLENE™ CMV207 is a polyolefin injection molding compound designed for mold-in-color automotive interior trim applications. This product has good MFR, UV resistance and excellent scratch resistance.

General Information			
Features	Good Flow Good UV Resistance High Scratch Resistance		
Uses	Automotive Applications Automotive Interior Trim		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.01	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) [1] (230°C/2.16 kg)	16	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (23°C)	2580	MPa	ISO 527-2/50
Tensile Stress [2] (Yield, 23°C)	27.0	MPa	ISO 527-2/50
Flexural Modulus [3] (23°C)	2000	MPa	ISO 178
Flexural Stress [4] (23°C)	34.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength (23°C, Complete Break)	7.6	kJ/m²	ISO 180/A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	57.0	°C	ISO 75-2/Af
Injection	**Nominal Value**	**Unit**	
Drying Time	2.0	hr	
Processing (Melt) Temp	190 to 240	°C	
Mold Temperature	25.0 to 60.0	°C	
NOTE			
1.	Procedure B		
2.	Upper yield		
3.	2.0 mm/min		
4.	2.0 mm/min		

Recommended distributors for this material

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