

STERLENE™ CMV207E

Thermoplastic Polyolefin Elastomer

R&P; (Pte.) Ltd.

Message:

STERLENE™ CMV207E is a compound with high stiffness and medium impact designed for interior trim application.

General Information			
Features	High Stiffness		
	Medium Impact Resistance		
Uses	Automotive Applications		
	Automotive Interior Trim		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) ¹ (230°C/2.16 kg)	19	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2740	MPa	ISO 527-2/50
Tensile Stress (Yield, 23°C)	27.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield, 23°C	5.1	%	
Break, 23°C	15	%	
Flexural Modulus ² (23°C)	2380	MPa	ISO 178
Flexural Stress ³ (23°C)	40.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Complete Break)	7.1	kJ/m ²	ISO 179/A
Notched Izod Impact Strength (23°C, Complete Break)	7.6	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	58.0	°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.	2.0 mm/min		

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