

STERLENE™ BMV203

Thermoplastic Polyolefin Elastomer

R&P; (Pte.) Ltd.

Message:

STERLENE™ BMV203 is a compound with high impact designed for automotive exterior painted applications. This product is not UV stabilized.

General Information			
Features	Good Impact Resistance		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) ¹ (230°C/2.16 kg)	24	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1870	MPa	ISO 527-2/50
Tensile Stress (Yield, 23°C)	19.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield, 23°C	9.3	%	
Break, 23°C	380	%	
Flexural Modulus ² (23°C)	1560	MPa	ISO 178
Flexural Stress ³ (23°C)	26.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/A
-30°C, Complete Break	5.6	kJ/m ²	
23°C, Partial Break	51	kJ/m ²	
Notched Izod Impact Strength			ISO 180/A
-30°C, Complete Break	6.3	kJ/m ²	
23°C, Partial Break	46	kJ/m ²	
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		
3.	2.0 mm/min		

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