

SEQUEL® 1780

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

SEQUEL® 1780 engineered polyolefin is designed for mold-in-color or partially painted automotive exterior applications that require dimensional stability over a broad temperature range with enhanced scratch and mar resistance. This material exhibits excellent processability and low-temperature properties. Typical Customer Applications:
Exterior Applications

General Information			
Features	Good Colorability		
	Good Dimensional Stability		
	Good Processability		
	Paintable		
	Scratch Resistant		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Appearance	Colors Available		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress ¹ (Yield)	20.0	MPa	ISO 527-2/50
Flexural Modulus ²	1500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Instrumented Dart Impact ³ (23°C)	16.0	J	ASTM D3763
NOTE			
1.	150x10x4 mm specimen		
2.	80x10x42		
3.	2.20 m/sec		

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