

SEQUEL® 1825-UV

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

Message:

Sequel 1825-UV thermoplastic polyolefin is designed for automotive and heavy-truck applications that require energy management combined with ductility, stiffness and impact resistance over a broad temperature range. This material exhibits excellent processability and dimensional stability

General Information			
Features	Ductile		
	Good Dimensional Stability		
	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
Uses	Automotive Applications		
	Automotive Bumper		
	Automotive Exterior Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.16	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	15	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress ¹ (Yield)	20.0	MPa	ISO 527-2
Flexural Modulus ²	2500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Instrumented Dart Impact ³			ASTM D3763
-30°C	30.0	J	
23°C	16.5	J	
NOTE			
1.	150x10x4 mm specimen		
2.	80x10x4mm specimen		
3.	2.20 m/sec		

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