

SEQUEL® 2420

Polyolefin
LyondellBasell Industries

Message:

Sequel 2420 high melt flow , very high flexural modulus, mineral-filled thermoplastic elastomeric olefin has an excellent balance of properties. It w as designed primarily for applications that require stiffness, dimensional stability, high impact characteristics and improved surface durability. This material can be used for applications w here other engineering polymers have been used, such as ABS, PC/ABS, or PC/PBT blends.

General Information			
Filler / Reinforcement	Mineral filler		
Additive	UV stabilizer		
Features	Good dimensional stability		
	Rigidity, high		
	Impact resistance, high		
	Good UV resistance		
	Workability, good		
	Sprayable		
	High liquidity		
	Scratch resistance		
	Good appearance		
	Excellent appearance		
Uses	Application in Automobile Field		
	Car interior parts		
	Car interior equipment		
	Car dashboard		
Appearance	Available colors		
	Natural color		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	26.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	100	%	ISO 527-2/50
Flexural Modulus ¹ (23°C)	2300	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/1A
-30°C	4.0	kJ/m ²	ISO 180/1A
23°C	15	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	120	°C	ISO 75-2/B
1.8 MPa, not annealed	60.0	°C	ISO 75-2/A
NOTE			
1.	2.0 mm/min		

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