



Sequel 2420

Advanced Polyolefin

Product Description

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

Product Characteristics

Status	Commercial: Restricted
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	Pleasing Surface Appearance, Good Dimensional Stability, High Impact Resistance, Good Processability, Scratch Resistant, High Stiffness
Typical Customer Applications	Instrument Panels, Interior Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.04	g/cm ³
Melt flow rate (MFR) (230 °C/ 2.16 kg)	ISO 1133	20	g/10 min
Mechanical			
Tensile Stress at Yield (23 °C, 50 mm/min)	ISO 527-1, -2	26	MPa
Tensile Strain at Break (23 °C, 50 mm/min)	ISO 527-1, -2	~100	%
Flexural modulus (23 °C, 2 mm/min)	ISO 178	2300	MPa
Impact			
Notched izod impact strength	ISO 180		
(- 30 °C)		4	kJ/m ²
(23 °C)		15	kJ/m ²
Hardness			
Shore hardness (Shore D)	ISO 868	65	
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	120	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	60	°C
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

For the contact details of the LyondellBasell company selling this product in your country, please visit <http://www.lyb.com/>.

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without prior notification to Seller for each specific product and application; or

(ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (1) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (2) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; (3) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration; (4) tobacco related products and applications; (5) electronic cigarettes and similar devices; and (6) pressure pipe or fittings that are considered a part or component of a nuclear reactor.

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All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

Users should review the applicable Material Safety Data Sheet before handling the product.

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