

Ultrason® E 2020 P

Polyether Sulfone

BASF Corporation

Product Description

Ultrason E 2020 P is an unfilled, injection molding PES grade.

General

Material Status	• Commercial: Active		
Availability	• Europe	• North America	
Features	• Amorphous • Autoclavable • Chlorine Resistant • Cleanable • Cracking Resistant	• Flame Retardant • Good Chemical Resistance • Good Corrosion Resistance • Good Crack Resistance • Good Dimensional Stability	• Good Electrical Properties • High Clarity • High Heat Resistance
Uses	• Aerospace Applications • Agricultural Applications • Appliances • Automotive Applications	• Coating Applications • Engineering Parts • Industrial Parts • Medical/Healthcare Applications	• Membranes • Mining Applications
Agency Ratings	• FDA 21 CFR 177.2440		
RoHS Compliance	• RoHS Compliant		
Appearance	• Natural Color		
Forms	• Pellets		
Processing Method	• Injection Molding		

Physical

	Nominal Value	Unit	Test Method
Density	1370	kg/m ³	ISO 1183 ²
Water Absorption (Equilibrium)	0.80	%	ISO 62 ²

Mechanical

	Nominal Value	Unit	Test Method
Tensile modulus	2700	MPa	ISO 527-2 ²
Tensile Stress (Yield)	90.0	MPa	ISO 527-2 ²
Tensile Strain (Yield)	6.7	%	ISO 527-2 ²
Nominal strain at break	40	%	ISO 527-2 ²

Notes

¹ Typical properties: these are not to be construed as specifications.

² Tested in accordance with ISO 10350. 23°C/50%r.h. unless otherwise noted.

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

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