

Ultrason® P 3010

Polyphenylsulfone

BASF Corporation

Product Description			
Ultrason P 3010 is an unfilled, flame retardant, higher viscosity injection molding PPSU grade, with improved chemical resistance.			
General			
Material Status	• Commercial: Active		
Availability	• North America		
Features	• Flame Retardant	• Good Chemical Resistance	• High Viscosity
RoHS Compliance	• RoHS Compliant		
Processing Method	• Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1290	kg/m ³	ISO 1183 ²
Melt volume-flow rate (360°C/10.0 kg)	25.0	cm ³ /10min	ISO 1133 ²
Molding Shrinkage			ISO 294-4
Across Flow	0.90	%	
Flow	1.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile modulus	2360	MPa	ISO 527-2 ²
Tensile Stress (Yield)	74.0	MPa	ISO 527-2 ²
Tensile Strain (Yield)	7.8	%	ISO 527-2 ²
Flexural Modulus (23°C)	2400	MPa	ISO 178
Flexural Strength (23°C)	75.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy notched impact strength			ISO 179/1eA ²
-30°C	24.0	kJ/m ²	
23°C	65.0	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179
-30°C	No Break		
23°C	No Break		

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.

如需要更多物性资料请查阅 www.kedisujiao.com

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