

Ultrason® E 6020 P (EU)

Polyether Sulfone
BASF Corporation

Product Description				
Polyethersulfone flakes, e.g. for membrane applications and coatings.				
General				
Material Status	• Commercial: Active			
Availability	• Europe			
Forms	• Flakes			
Processing Method	• Injection Molding			
Resin ID (ISO 1043)	• PESU			
Physical		Nominal Value	Unit	Test Method
Apparent Density		0.30	g/cm ³	ISO 60
Water Absorption (Equilibrium, 23°C, 50% RH)		1.0	%	ISO 62
Viscosity Number ²		82.0	cm ³ /g	ISO 307
Molecular Weight with light scattering in NMP		50000	g/mol	Internal Method
Mw/Mn (GPC in DMF)		3.50		Internal Method
Mechanical		Nominal Value	Unit	Test Method
Tensile Modulus		2700	MPa	ISO 527-2
Tensile Stress (Yield)		90.0	MPa	ISO 527-2/50
Tensile Strain (Yield)		6.7	%	ISO 527-2/50
Thermal		Nominal Value	Unit	Test Method
Heat Deflection Temperature 1.8 MPa, Unannealed		207	°C	ISO 75-2/A
Glass Transition Temperature		225	°C	ISO 11357-2
Additional Information		Nominal Value	Unit	
Polymer Abbreviation		PESU		
Injection		Nominal Value	Unit	
Drying Temperature		130 to 150	°C	
Drying Time		> 4.0	hr	

Notes

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

² in 0.1 g/ml Phenol/ortho-dichlorobenzene 1:1

Dongguan Yi-Ming Plastic Chemical Co., Ltd.

如需要更多物性资料请查阅 www.kedisujiao.com

备注：以上原料物性数据由厂家发布,我公司仅提供参考！数据如有变动，请联系原料生产厂家获知。我公司不承担任何法律责任！