

SABIC® PPcompound 1961

Polypropylene

Saudi Basic Industries Corporation (SABIC)

Message:

SABIC® PPcompound 1961 is a development grade, mineral filled Polypropylene. This material has been designed to combine a good mechanical performance profile with good processing.

General Information			
Filler / Reinforcement	Mineral filler, 20% filler by weight		
Features	Workability, good		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ISO 1133
Molding Shrinkage (24 hr)	1.0	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	2900	MPa	ISO 527-2/1A
Tensile Stress			ISO 527-2/1A
Yield, injection molding	35.0	MPa	ISO 527-2/1A
Fracture, injection molding	30.0	MPa	ISO 527-2/1A
Tensile Strain (Break, Injection Molded)	15	%	ISO 527-2/1A
Flexural Modulus (Injection Molded)	3000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	2.5	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	121	°C	ISO 75-2/B
1.8 MPa, not annealed	68.0	°C	ISO 75-2/A

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Recommended distributors for this material

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