



STAMAX 30YK270E			
PP-GF30		Saudi Basic Industries Corporation (SABIC)	
Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	6200	MPa	ISO 527-1/-2
Tensile Strength	98	MPa	ISO 527-1/-2
Strain at break	2.3	%	ISO 527-1/-2
Charpy impact strength (+23°C)	57	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	70	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	21	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	24	kJ/m ²	ISO 179/1eA
Puncture - maximum force, +23°C	5800	N	ISO 6603-2
Flexural modulus (23°C)	5500	MPa	ISO 178
Flexural modulus	3600	MPa	ISO 178
Flexural modulus temperature	80	°C	ISO 178
Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	157	°C	ISO 75-1/-2
Other properties	Value	Unit	Test Standard
ISO Data			
Density	1120	kg/m ³	ISO 1183
Characteristics			
Processing		Features	
Injection Molding		Chemically Coupled Reinforcement	
Delivery form			
Pellets			