

**DURANEX® SF3300**

PBT-GF30

Polyplastics

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Strength	<b>135</b>	MPa	ISO 527
Strain at break	<b>1.9</b>	%	ISO 527
Flexural modulus, 23°C	<b>9340</b>	MPa	ISO 178
Flexural strength	<b>218</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>10</b>	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>213</b>	°C	ISO 75-1/-2
Burning behav. at thickness h	<b>HB</b>	class	IEC 60695-11-10

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1530</b>	kg/m <sup>3</sup>	ISO 1183

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Melt temperature	<b>260</b>	°C	-
Mold temperature	<b>60</b>	°C	-
Screw speed	<b>120</b>	rpm	-
Injection speed	<b>200</b>	mm/s	-
Back pressure	<b>3</b>	MPa	-
Holding pressure	<b>100</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Additives**

Release agent

**Special Characteristics**

Heat stabilized or stable to heat

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

Asia Pacific