

Product Texts

30% Carbon Reinforced

ISO 1043 PA66-CF30

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	60 / *	cm ³ /10min	ISO 1133
Temperature	280 / *	°C	-
Load	2.16 / *	kg	-

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Stress at break	230 / -	MPa	ISO 527
^[C] Strain at break	2.8 / -	%	ISO 527
^[C] Charpy notched impact strength, +23°C	10 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	260 / *	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	245 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	260 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Humidity absorption	1.8 / *	%	Sim. to ISO 62
^[C] Density	1270 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Regional Availability

Asia Pacific

Delivery form

Pellets, Black

Other text information**Injection molding**[Steel recommendations for molds screws and barrels](#)[Trouble shooting guideline for injection molding](#)