

TECHNYL C 246SI V30 NC

PA6-I-GF30

DOMO Engineering Plastics

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.1 / *	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	0.8 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	8600 / 5000	MPa	ISO 527
^[C] Stress at break	140 / 90	MPa	ISO 527
^[C] Strain at break	4.5 / 10	%	ISO 527
Flexural modulus, 23°C	7500 / 4400	MPa	ISO 178
Flexural strength	230 / 125	MPa	ISO 178
^[C] Charpy impact strength, +23°C	92 / 110	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	100 / 100	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	23 / 36	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	15 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	222 / *	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	200 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1320 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified

Delivery form

Natural Color