

TECHNYL ONE J 60X1 V30 NC

PA66/6T-GF30 FR(40)

DOMO Engineering Plastics

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.5 / *	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	0.9 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	11000 / 9100	MPa	ISO 527
^[C] Stress at break	145 / 110	MPa	ISO 527
^[C] Strain at break	2.5 / 3.3	%	ISO 527
Flexural modulus, 23°C	9000 / 8000	MPa	ISO 178
Flexural strength	230 / 185	MPa	ISO 178
^[C] Charpy impact strength, +23°C	65 / 62	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	50 / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	10 / 10	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	9 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	280 / *	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	257 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	275 / *	°C	ISO 75-1/-2
^[C] Burning Behav. 5V at thickness h	5VA / *	class	IEC 60695-11-20
Thickness tested	1.5 / *	mm	-

[C]: CAMPUS

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Volume resistivity	1E13 / -	Ohm*m	IEC 62631-3-1
^[C] Surface resistivity	* / >1E15	Ohm	IEC 62631-3-2
^[C] Electric strength	35 / -	kV/mm	IEC 60243-1
^[C] Comparative tracking index	600 / -	-	IEC 60112

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1410 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Features

Copolymer

Delivery form

Natural Color

Applications

Electrical and Electronical

Special Characteristics

Flame retardant, Halogen-free, Phosphorus-free, Heat stabilized or stable to heat