

TECHNYL D 218CR V50 BK

(PA610+PA66)-GF50

DOMO Engineering Plastics

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.4 / *	%	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	16800 / 11600	MPa	ISO 527
^[C] Stress at break	225 / 165	MPa	ISO 527
^[C] Strain at break	3 / 5.1	%	ISO 527
Flexural modulus, 23°C	13600 / 9400	MPa	ISO 178
Flexural strength	345 / 250	MPa	ISO 178
^[C] Charpy impact strength, +23°C	100 / 100	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	110 / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	17 / 20	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	14 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	214 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1540 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Certifications

Contains renewable resources

Delivery form

Black

Applications

Automotive

Chemical Resistance

General Chemical Resistance, Hydrolytically Stable