

DOMAMID XS 66V50H1

PA66-GF50

DOMO Engineering Plastics

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.4 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	18000 / 17000	MPa	ISO 527
Stress at break	265 / 235	MPa	ISO 527
Strain at break	2.6 / 2.6	%	ISO 527
Flexural modulus, 23°C	16000 / -	MPa	ISO 178
Charpy impact strength, +23°C	105 / 100	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	18 / 17	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	14 / -	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	262 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	245 / *	°C	ISO 75-1/-2
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-
Electrical properties			
ISO Data			
Volume resistivity	1E10 / -	Ohm*m	IEC 62631-3-1
Other properties			
Density	1590 / -	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Heat stabilized or stable to heat

Regional Availability

North America, Europe, Asia Pacific

Features

Low Warpage