

DOMAMID 6LVG30 300 BK

PA6-GF30

DOMO Engineering Plastics

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	9000 / 6200	MPa	ISO 527
Yield stress	170 / 110	MPa	ISO 527
Stress at break	170 / 110	MPa	ISO 527
Strain at break	4 / 4	%	ISO 527
Charpy impact strength, +23°C	80 / 85	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	11 / 25	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	221 / *	°C	ISO 11357-1/-3

Other properties	dry / cond	Unit	Test Standard
Density	1360 / -	kg/m ³	ISO 1183

Material specific properties	dry / cond	Unit	Test Standard
ISO Data			
Viscosity number	125 / *	cm ³ /g	ISO 307, 1157, 1628

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	75 - 85	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	250 - 290	°C	-
Mold temperature	80 - 100	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Delivery form

Black