

**DOMAMID 6LVG50 300 BK**

PA6-GF50

DOMO Engineering Plastics

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, normal	1.0	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	16700	MPa	ISO 527
Stress at break	220	MPa	ISO 527
Strain at break	2.2	%	ISO 527
Flexural modulus, 23°C	13000	MPa	ISO 178
Charpy impact strength, +23°C	100	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	15	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	221	°C	ISO 11357-1/-3

Other properties	Value	Unit	Test Standard
Density	1560	kg/m <sup>3</sup>	ISO 1183

Material specific properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Viscosity number	125	cm <sup>3</sup> /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