

DOMAMID 6LVT30H2 BK

PA6-MD30

DOMO Engineering Plastics

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.7 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	6400 / 4200	MPa	ISO 527
Yield stress	70 / 35	MPa	ISO 527
Stress at break	70 / 35	MPa	ISO 527
Strain at break	3 / 4	%	ISO 527
Flexural modulus, 23°C	6000 / 2800	MPa	ISO 178
Charpy impact strength, +23°C	30 / 23	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	3 / 7	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
Temp. of deflection under load, 1.80 MPa	125 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	190 / *	°C	ISO 75-1/-2

Other properties	dry / cond	Unit	Test Standard
Density	1380 / -	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	75 - 85	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	240 - 280	°C	-
Mold temperature	60 - 80	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Black

Regional Availability

North America, Europe, Asia Pacific