

DOMAMID 6G35H2 BK

PA6-GF35

DOMO Engineering Plastics

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	10900	MPa	ISO 527
Stress at break	175	MPa	ISO 527
Strain at break	2.6	%	ISO 527
Flexural modulus, 23°C	8800	MPa	ISO 178
Charpy impact strength, +23°C	80	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	11	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	221	°C	ISO 11357-1/-3
Electrical properties			
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1
Surface resistivity	1E14	Ohm	IEC 62631-3-2
Other properties			
Density	1410	kg/m ³	ISO 1183
Material specific properties			
ISO Data			
Viscosity number	145	cm ³ /g	ISO 307, 1157, 1628
Processing Recommendation Injection Molding			
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

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Black

Regional Availability

North America, Europe, Asia Pacific