

Dinalon® B1S25 G50-4101

PA6-GF50

Grupo Repol

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	15000	MPa	ISO 527
Stress at break	190	MPa	ISO 527
Strain at break	2.8	%	ISO 527
Charpy impact strength, +23°C	80	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	15	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	210	°C	ISO 75-1/-2
Other properties			
Density	1560	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	245 - 275	°C	-
Mold temperature	60 - 90	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Delivery form

Black