

LNP™ THERMOCOMP™ Compound QF00A - Europe

PA610-GF50

Saudi Basic Industries Corporation (SABIC)

Product Texts

LNP THERMOCOMP QF00A compound is based on Nylon 6/10 resin containing 50% glass fiber.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	10900	MPa	ISO 527
Stress at break	181	MPa	ISO 527
Strain at break	3.7	%	ISO 527
Flexural modulus	10600	MPa	ISO 178
Izod impact strength, +23°C, 4mm	95	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C, 4mm	19	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	203	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	17	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	93	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	1510	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Regional Availability

Europe