

SAXAMID™ 126F6T3

(PA6+PTFE)-GF30

SAX Polymers Industrie GmbH

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	7100	MPa	ISO 527
Tensile Strength	150	MPa	ISO 527
Strain at break	3	%	ISO 527
Flexural modulus, 23°C	8100	MPa	ISO 178
Charpy impact strength, +23°C	82	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	76	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	9	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	7	kJ/m ²	ISO 179/1eA
Izod impact strength, +23°C	79	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	10	kJ/m ²	ISO 180/1A
Izod notched impact strength	7	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	209	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1430	kg/m ³	ISO 1183

Material specific properties	Value	Unit	Test Standard
ISO Data			
Viscosity number	150	cm ³ /g	ISO 307, 1157, 1628

Characteristics**Processing**

Injection Molding

Features

Low Odor, Tribologic Grade

Delivery form

Pellets, Natural Color

Regional Availability

Europe