

Tribocomp® PA612 CF30 TS12
(PA612+PTFE)-CF30

Syensqo

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	19000 / 17000	MPa	ISO 527
Yield stress	220 / 195	MPa	ISO 527
Strain at break	2 / 3	%	ISO 527
Flexural modulus, 23°C	15000 / -	MPa	ISO 178
Charpy impact strength, +23°C	45 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	12 / -	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	195 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	210 / *	°C	ISO 75-1/-2

Other properties	dry / cond	Unit	Test Standard
Humidity absorption	0.2 / *	%	Sim. to ISO 62
Density	1220 / -	kg/m ³	ISO 1183

Characteristics

Delivery form

Pellets

Additives

Lubricants

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa