

Tribocomp® PA66 AF15 TS0
(PA66+PTFE)-AF15

Syensqo

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.8 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	4200 / 2500	MPa	ISO 527
Tensile Strength	85 / 60	MPa	ISO 527
Strain at break	5 / -	%	ISO 527
Flexural modulus, 23°C	3400 / -	MPa	ISO 178
Charpy impact strength, +23°C	30 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5 / -	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	190 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	245 / *	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	50 / *	E-6/K	ISO 11359-1/-2

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Electric strength	30 / -	kV/mm	IEC 60243-1
Comparative tracking index	600 / -	-	IEC 60112
ASTM Data			
Surface Resistivity	* / 1E12	Ohm	ASTM D 257

Other properties	dry / cond	Unit	Test Standard
Humidity absorption	2.1 / *	%	Sim. to ISO 62
Density	1230 / -	kg/m ³	ISO 1183

Characteristics

Processing
Injection Molding

Regional Availability
Europe

Features
Tribologic Grade