

Nylatron[®] NSB-90 PA66

Wear and Friction Modified

Properties	Typical Data	Unit	Test Method
Mechanical properties	dry / cond		
Tensile modulus	2800 / -	MPa	ISO 527-1/-2
Yield stress	65 / -	MPa	ISO 527-1/-2
Yield strain	5 / -	%	ISO 527-1/-2
Nominal strain at break	10 / -	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	4.7 / -	kJ/m ²	ISO 179/1eA
Flexural modulus	2700 / -	MPa	ISO 178
Flexural strength	110 / -	MPa	ISO 178
Izod notched impact strength (+23°C)	4.7 / -	kJ/m ²	ISO 180/1A
Thermal properties	dry / cond		
Temp. of deflection under load (1.80 MPa)	80 / *	°C	ISO 75-1/-2
Other properties	dry / cond		
Water absorption	7.6 / *	%	Sim. to ISO 62
Humidity absorption	2.1 / *	%	Sim. to ISO 62
Density	1180 / *	kg/m ³	ISO 1183

