

Nylatron[®] NSB-90

PA66

Wear and Friction Modified

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<i>PROPERTIES</i>	<i>TYPICAL DATA</i>	<i>UNIT</i>	<i>TEST METHOD</i>
<i>MECHANICAL PROPERTIES</i>			
	<i>DRY / COND</i>		
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
<i>THERMAL PROPERTIES</i>			
	<i>DRY / COND</i>		
Temp. of deflection under load (1.80 MPa)	80 / *	°C	ISO 75-1/-2
<i>OTHER PROPERTIES</i>			
	<i>DRY / COND</i>		
Water absorption	7.6 / *	%	Sim. to ISO 62
Humidity absorption	2.1 / *	%	Sim. to ISO 62
Density	1180 / *	kg/m ³	ISO 1183

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