

# Nylatron<sup>®</sup> GS-S

## PA66

MoS2 Lubricated

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
MECHANICAL PROPERTIES	DRY / COND		
Tensile modulus	3700 / 1500	MPa	ISO 527-1/-2
Stress at break	90 / 60	MPa	ISO 527-1/-2
Strain at break	7 / 20	%	ISO 527-1/-2
Charpy notched impact strength (+23°C)	4.5 / -	kJ/m²	ISO 179/1eA
THERMAL PROPERTIES	DRY / COND		
Temp. of deflection under load (1.80 MPa)	85 / *	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	230 / *	°C	ISO 75-1/-2
OTHER PROPERTIES	DRY / COND		
Water absorption	8.5 / *	%	Sim. to ISO 62
Humidity absorption	2.3 / *	%	Sim. to ISO 62
Density	1160 / *	kg/m³	ISO 1183

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