

## PA-6 G SD, antistatic

Mechanical properties	Test method	Test environment	Unit	Value
Tensile strength	ASTM D638	23 °C	MPa	74
Tensile strain	ASTM D638	23 °C, break	%	7
Bending strength	ASTM D790	23 °C	MPa	117
Bending modulus	ASTM D790	23 °C	GPa	4,02
Compression strength	ASTM D695	5% deformation	MPa	93
Compressive modulus	ASTM D695	23 °C	GPa	4,02
Impact strength	ASTM D256	Izod, notched	J/m	35
Hardness	- -	Rockwell	-	R117

Thermal properties	Test method	Test environment	Unit	Value
Service temperature	- -	continuous	°C	120
Coefficient of linear thermal expansion	ASTM D696	23 °C	10 <sup>-5</sup> K <sup>-1</sup>	7,5

Electrical properties	Test method	Test environment	Unit	Value
Volume resistivity	ASTM D257	-	ohm cm	10 <sup>6</sup> -10 <sup>8</sup>

Other properties	Test method	Test environment	Unit	Value
Density	ISO 1183	-	g/cm <sup>3</sup>	1,23
Flammability	UL 94	-	-	HB

The data presented are taken from our suppliers and represent our best knowledge. The values are given in good faith. They should not constitute the basis for calculations, construction etc. The responsibility for verifying material data rests with the end-user.