

## SUSTARIN® C (Acetal)

	Test method	Unit	Value Natural & Black
<b>Physical properties</b>			
Specific Gravity	ASTM D 792	-	1.41
Water Absorption 24 Hrs	ASTM D 570	%	0.2
Water Absorption Saturation	ASTM D 570	%	0.9
Flammability	UL 94	-	HB
<b>Mechanical properties</b>			
Tensile Strength	ASTM D 638	psi	9,500
Elongation	ASTM D 638	%	40
Modulus	ASTM D 638	psi	400,000
Flexural Strength	ASTM D 790	psi	12,000
Modulus	ASTM D 790	psi	400,000
Notched Izod	ASTM D 256	Ft-lb/in	1.2
Rockwell Hardness	ASTM D 785	-	M88
<b>Thermal properties</b>			
HDT @ 264 psi	ASTM D 648	°F	225
Coefficient Linear Thermal Expansion	ASTM D 698	in/in/°F	5.50 x10 <sup>-5</sup>
Dielectric Strength	ASTM D 149	V / mil	450
Volume Resistivity	ASTM D 257	Ohm-cm	10 <sup>16</sup>
Dielectric Constant	ASTM D 150	-	3.8

The data stated above are average values ascertained by statistical tests on a regular basis. They are in accordance with DIN EN 15860. The data above are provided purely for information and shall not be regarded as binding unless expressly agreed in a contract of sale.

