

## SUSTARIN® H AF (Delrin® AF)

	Test Method	Unit	H AF Blend	H AF DE588
<b>Physical properties</b>				
Specific Gravity	ASTM D 792	-	1.42	1.54
Water Absorption 24 Hrs	ASTM D 570	%	0.2	0.2
Water Absorption Saturation	ASTM D 570	%	0.8	0.8
Flammability	UL 94	-	HB	HB
<b>Mechanical properties</b>				
Tensile Strength, break	ASTM D 638	psi	8,000	6,630
Elongation	ASTM D 638	%	20	30
Modulus	ASTM D 638	psi	410,000	540,000
Flexural Strength	ASTM D 790	psi	12,500	12,500
Modulus	ASTM D 790	psi	450,000	405,000
Notched Izod	ASTM D 256	Ft-lb/in	0.7	-
Rockwell Hardness	ASTM D 785	-	R115	R110
<b>Thermal properties</b>				
HDT @ 264 psi	ASTM D 648	°F	248	244
Coefficient Linear Thermal Expansion	ASTM D 698	in/in/oF	5.1 x 10 <sup>-5</sup>	4.4x10 <sup>-5</sup>
Dielectric Strength	ASTM D 149	V / mil	450	400
Volume Resistivity	ASTM D 257	Ohm-cm	10 <sup>16</sup>	10 <sup>16</sup>
Dielectric Constant	ASTM D 150	-	3.7	3.1

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.

