

## DATA SHEET

# DELTRIN II

<b>PHYSICAL</b>	
SPECIFIC GRAVITY	1.42
WATER ABSORPTION, 24 hr. (%)	.25
<b>MECHANICAL</b>	
<b>TENSILE</b>	
Strength, Yield (10 <sup>3</sup> psi) @ 73°F.	10.0
Elongation, Ultimate (%) @ 73°F.	50
Modulus, Yield (10 <sup>3</sup> psi) @ 73°F.	
<b>FLEXURAL</b>	
Strength, (10 <sup>3</sup> psi) @ 73°F.	14.1
Modulus, Yield (10 <sup>3</sup> psi) @ 73°F.	450
<b>COMPRESSIVE STRENGTH</b>	
2% Offset, (10 <sup>3</sup> psi)	5.2
<b>IMPACT STRENGTH</b>	
Izod, Notched (ft. - lb./in.) @ 73°F.	1.5
<b>HARDNESS</b>	M94 - R120
<b>COEFFICIENT OF STATIC FRICTION</b>	
Against self	
Against steel	
<b>THERMAL</b>	
<b>CONDUCTIVITY</b>	
(BTU/hr/sq. ft./Degree F./in.)	2.6
<b>COEFF. OF THERMAL EXPANSION</b>	
(10 <sup>-5</sup> /Degree F.)	5.8
<b>SPECIFIC HEAT</b>	
(BTU/lb./Degree F.)	
<b>HEAT DEFLECTION TEMP.</b>	
(Degree F.)	
At 66 psi.	
At 264 psi	
<b>MAX. CONTINUOUS TEMP. (F.°)</b>	210
<b>ELECTRICAL</b>	
<b>VOLUME RESISTIVITY</b>	
(Ohm/cm)	1 X 10 <sup>15</sup>
<b>DIELECTRIC STRENGTH</b>	
(V/Mil)	500
<b>DIELECTRIC CONSTANT</b>	
At 60 HZ	
At 1 MHZ	
<b>DISSIPATION FACTOR</b>	
At 60 HZ	
At 1 MHZ	.005
<b>ARC RESISTANCE (seconds)</b>	220