

## R.O.F. Reinforced Bearing Pads

<b>Typical Properties</b>		
<b>1</b>	<b>HARDNESS (Shore A)</b>	75 (+/- 5)
<b>2</b>	<b>COMPRESSION</b> A. Minimum ultimate B. Initial minimum cracking strain*	8,000 PSI 40%
<b>3</b>	<b>SHEAR MODULUS (G)</b> A. At 70°F for a uniform compressive stress of 1,000 psi and a shear strain of 50% $\frac{dh}{t} \times 100$ where both bearing surfaces contact smooth concrete B. G constant in all directions parallel to the bearing plane	170 PSI (+/- 50 PSI)
<b>4</b>	<b>TENSILE STRENGTH*</b> (ASTM D 412, Die C)	1,000 PSI
<b>5</b>	<b>TEAR STRENGTH</b> (ASTM D 624, Die B)	400 Lb/In Min
<b>6</b>	<b>HEAT AGING (ASTM D 573)</b> A. Change in tensile strength B. Change in elongation C. Change in hardness	+/- 25% Max +/- 25% Max 10 Point Max
<b>7</b>	<b>OZONE RESISTANCE</b> A. After 50 hours at 100°F in an ozone concentration of 80 ppm-tear strength	300 Lb/In Min
<b>8</b>	<b>OIL SWELL (increase in vol)</b> (ASTM D 471)	120% Max

\* 10% Variation will be allowed