



KOROLATH OF NEW ENGLAND, INC.

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Korolath R.O.F. Reinforced Bearing Pads

<i>Typical Properties</i>	
1	HARDNESS (Shore A) 75 (+/- 5)
2	COMPRESSION A. Minimum ultimate 8,000 PSI B. Initial minimum cracking strain* 40%
3	SHEAR MODULUS (G) 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 170 PSI (+/- 50 PSI) B. G constant in all directions parallel to the bearing plane
4	TENSILE STRENGTH* (ASTM D 412, Die C) 1,000 PSI
5	TEAR STRENGTH (ASTM D 624, Die B) 400 Lb/In Min
6	HEAT AGING (ASTM D 573) A. Change in tensile strength +/- 25% Max B. Change in elongation +/- 25% Max C. Change in hardness 10 Point Max
7	OZONE RESISTANCE A. After 50 hours at 100°F in an ozone concentration of 80 pphm-tear strength 300 Lb/In Min
8	OIL SWELL (increase in vol) (ASTM D 471) 120% Max

* 10% Variation will be allowed