



ISO 9001:2008
File #10002028

Cellusuede Products, Inc.

PHYSICAL AND CHEMICAL PROPERTIES

KANECARON MODACRYLIC

| | | |
|---------------------------------------|---|-------------|
| Breaking Tenacity (gm/den) | Wet/Dry | 2.9/2.9 |
| Breaking Elongation (%) | Wet/Dry | 37-40/37-40 |
| Elastic Recovery @ 3% elongation (%) | | 85-95 |
| Young's Modulus (kg/mm ²) | | 200-350 |
| Specific Gravity | | 1.28 |
| Water Absorbency (%) | 21°C/70°F, 65% RH | 1.5 |
| Dry Heat Shrinkage | 10% at 150° C (302°F) | |
| Weathering | Excellent resistance to mildew, aging and sunlight. Good resistance to abrasion. | |
| Effect of Heat | Does not melt. Does not support combustion (self-extinguishing). Decomposes at 205°C/400°F. | |
| Effects of Acids and Alkalis | Good resistance to common mineral acids (hydrochloric, sulfuric and nitric). Good resistance to weak and strong alkalis. | |
| Effects of Bleaches and Solvents | Not affected by hypochlorite or chlorite bleaching compounds. Softens in ethyl acetate and acetone, and swells in dimethyl formamide. | |
| Cross Section | Cocoon or bent dog-bone | |

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