



ISO 9001:2015
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	150° C (302°F)	10%
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 chlorine bleaching compounds. Softens in ethyl acetate and acetone and swells in dimethyl formamide.	
Cross Section	Cocoon or bent dog-bone	

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