

TECHNICAL DATA:

PHYSICAL PROPERTIES SHEET PRODUCTS

PROPERTY	STANDARDS	NOTES	
Density			Approx. 1600 kg/m ³
Elongation	ASTM-D-638		0.43%
Tensile Strength	ASTM-D-638		4045 psi
Tensile Modulus	ASTM-D-638		1.04 x 10 ⁶ psi
Thermal Expansion	ASTM-D-696		11.7x10 ⁻⁶ m/m ^o C
Hardness	Barcol		60
Impact Resistance	ASTM-D-256 ISO 4586-2-13		.069 ft. lb. >155 cm
Boiling water Surface Resistance	US Standard		Passed
Water Absorption	ASTM-D-570 ISO 4586-2-5		.03% 0.15%
High Temperature Resistance	Nema-LD3		No change in colour or texture
Dry Heat	ISO 4586-2-8		4
Stain Resistance	ANSI Z-124 5.1 ISO 4586-2-15	Acetone	43
		Coffee	5
		Hydro Peroxide	5
		Shoe Polish	5
		Citric Acid	5
Fire Reaction	CAN4 S102.2		FSCI 9
Blue Wool	ISO 4586-2-16		>6
Grey Scale	ISO 4586-2-16		>4
Light Stability	CSA	200 Hour Atlas Xenon	Passed
Cigarette Burn	ISO 4586-2-17		Stains removed with abrasive cleaner