

Brandonite® 2000-75A

PRODUCT DESCRIPTION

Brandonite® 2000-75A is a polyurethane-based thermoset elastomer which combines the properties of high tensile strength, high resilience, low compression set with outstanding abrasion, heat, fuel and solvent resistance.

Applications

Brandonite® 2000-75A is well suited for numerous end use applications. Typical applications include casters, couplings, sleeves, gears, rollers, tubing and other industrial components.

Brandonite® 2000-75A is specially formulated to provide the following physical and mechanical properties:

PROPERTIES	TEST METHOD	UNIT OF MEASURE	RESULT
Specific Gravity	ASTM D 792	sp gr 23/23°C	1.240
Shore Hardness	ASTM D 2240	A Scale	75
Young's Modulus	ASTM D 412	psi (MPa)	4,000 (28)
Tensile Strength	ASTM D 412	psi (MPa)	7,000 (48)
Elongation at Break	ASTM D 412	%	500
Tear Strength- Die C	ASTM D 624	lb./inch	400
Tear Strength - Split	ASTM D 470	lb./inch	100
Compression Set, Method B	ASTM D 395	%	25

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Rev. 06/07