

Brandonite® 1700-60D

PRODUCT DESCRIPTION

Brandonite® 1700-60D is a high performance polyurethane elastomer combining the properties of high tensile strength, outstanding tear strength, and excellent resistance to wear and hydrolytic degradation.

APPLICATIONS

Brandonite® 1700-60D is well suited for numerous end use applications. Typical uses include a variety of cast components being used in marine and other industrial applications.

Brandonite® 1700-60D 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	1.140
Shore Hardness	ASTM D 2240	D Scale	60
Tensile Strength	ASTM D 412	psi (MPa)	8,200 (57)
Elongation at Break	ASTM D 412	%	300
Young's Modulus (300%)	ASTM D 412	psi (MPa)	7,500 (52)
Tear Strength	ASTM D 470	lb./inch	135
Compression Set, Method B	ASTM D 395	%	40
Prepolymer Viscosity	GCS, 86°F	cps (Pas)	8,000 (8.0)
	GCS, 212°F	cps (Pas)	250 (0.25)

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