

Brandonite® 1200-60A

PRODUCT DESCRIPTION

Brandonite® 1200-60A Polyurethane based thermosetting elastomer combines the properties of high tensile strength, outstanding elasticity, excellent resistance to abrasion and tear, and high resistance to seawater, oils, chemicals, oxidation and ozone.

APPLICATIONS

Brandonite® 1200-60A is specially designed and manufactured to meet defense and industrial applications. It meets FED-STD-601, Test Method 3211, and MIL-P-4861 Level A, MIL -G-15624F, MIL-STD-407 and MIL-STD-105 requirements. Typical applications include a variety of gaskets for sealing uses in the temperature range of -20° F to 200° F.

Brandonite® 1200-60A is optimized to offer the following physical and mechanical properties:

PROPERTIES	TEST METHOD	UNIT OF MEASURE	RESULT
Specific Gravity	ASTM D 792	sp gr 23/23°C	1.080
Shore Hardness	ASTM D 2240	A Scale	60
Tensile Strength	ASTM D 412	psi	3,500
Elongation at Break	ASTM D 412	%	450
Young's Modulus	ASTM D 412	psi	172,000
Tear Strength	ASTM D 624	lb/in	200
Compression Set, Method B	ASTM D 395	%	30

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