

Brandonite® 6211-45B

PRODUCT DESCRIPTION

Brandonite® 6211-45B is a high performance thermosetting plastics composite combining the properties of high strength, excellent impact and corrosion resistances.

APPLICATIONS

Brandonite® 6211-45B is well suited for numerous end use applications. Typical uses include a variety of components being used in appliances, pump housings, impellers and other industrial parts.

Brandonite® 6211-45B 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	1.800
Barcol Hardness	ASTM D 2583	Barcol	45
Tensile Strength	ASTM D 638	psi	10,500
Flexural Modulus	ASTM D 790	ksi	1,800
Flexural Strength	ASTM D 790	psi	20,000
Compression Strength	ASTM D 695	psi	16,000
Notched Impact Strength	ASTM D 256	ft. lb./in.	10
Un-notched Impact Strength	ASTM D 256	ft. lb./in.	16
Heat Deflection Temperature	ASTM D 648	° F	475 @ 264 psi
Flammability	UL 94		HB

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