

Brandonite® 1000-85D

PRODUCT DESCRIPTION

Brandonite® 1000-85D is a high performance Polyurethane plastic combining the outstanding rigidity with an excellent balance of physical properties, such as excellent resistance to wear and hydrolytic degradation.

APPLICATIONS

Brandonite® 1000-85D is well suited for numerous end use applications. Typical applications include a variety of components being used appliances, electronics, and computer, automotive and medical industries.

Brandonite® 1000-85D is specially formulated 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	1.213
Shore Hardness	ASTM D 2240	D Scale	85
Tensile Strength	ASTM D 412	psi	9,200
Elongation at Break	ASTM D 412	%	40
Flex Modulus	ASTM D 790	psi	300,000
Impact Strength, Notched Izod (68°F/50% RH)	ASTM D 256-06	ft.lb./in.	2.0
Impact Strength, Unnotched Izod (68°F/50% RH)	ASTM D 256-06	ft.lb./in.	50
Deflection Temperature (264 psi)	ASTM D 648	°F	170

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