

## Brandonite<sup>®</sup> 1501-80D

### PRODUCT DESCRIPTION

**Brandonite<sup>®</sup> 1501-80D** Polyurethane based thermosetting compound combines the properties of high tensile strength, excellent resistance to abrasion and tear, and high resistance to oils, chemicals, oxidation and ozone.

### APPLICATIONS

**Brandonite<sup>®</sup> 1501-80D** is well suited for numerous end use applications. Typical applications include parts for a variety of sorting machine assemblies in replacing traditional metal components.

**Brandonite<sup>®</sup> 1501-80D** 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	1.210
Shore Hardness	ASTM D 2240	D Scale	80
Tensile Strength	ASTM D 412	psi	8,100
Elongation at Break	ASTM D 412	%	130
Young's Modulus	ASTM D 412	psi	172,000
Notched Impact Strength 23°C/50% RH	ASTM D 256-06	lb/in	3.7
Flammability Vertical Burning	UL94	N/A	V-0

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