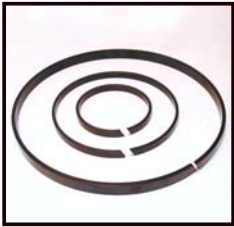


TYPICAL PROPERTIES

VESPEL® TP- 8395



MECHANICAL		TEST METHOD	SI UNITS	ENGLISH UNITS
TENSILE STRENGTH	23°C/73°F	ASTM D-638	73 MPa	10,600 psi
TENSILE ELONGATION	23°C/73°F	ASTM D-638	15%	15%
FLEXURAL STRENGTH	23°C/73°F	ASTM D-790	117 MPa	17,000 psi
FLEXURAL MODULUS	23°C/73°F	ASTM D-790	2.6 GPa	377,000 psi
NOTCHED IZOD 3.175 mm/1/8 in.	23°C/73°F	ASTM D-256	78 J/m	1.5 ft. lb./in.

THERMAL		TEST METHOD	SI UNITS	ENGLISH UNITS
HDT @ 1.8 MPa (264 psi)		ASTM D-648	230°C	446°F
CTE (23-150°C/73-302°F) FLOW DIRECTION		ASTM E-228	4.9x10 ⁻⁵ cm/cm/°C	2.7x10 ⁻⁵ in./in./°F
CTE (23-150°C/73-302°F) TRANSVERSE DIRECTION		ASTM E-228	5.2x10 ⁻⁵ cm/cm/°C	2.9x10 ⁻⁵ in./in./°F

OTHER PROPERTIES		TEST METHOD	SI UNITS	ENGLISH UNITS
SPECIFIC GRAVITY		ASTM D-792	1.38	1.38

THERMOPLASTIC PARTS FOR WEAR APPLICATIONS

Vespel® TP-8395 contains a unique blend of PTFE and graphite in a polyimide matrix. Developed for use in high-temperature and high-wear applications, this grade offers an excellent balance of mechanical and thermal properties for superior performance in aggressive environments.

As part of the Vespel® parts and shapes product line, injection-molded Vespel® TP-8395 parts comply with the highest quality standards required in the industry.

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Caution: Do not use in medical applications involving permanent implantation in the human body. For other medical applications, see "DuPont Medical Caution Statement."