



DUETS – ROTARY ENGRAVING STOCK – TECHNICAL DATA

PROPERTIES	TEST METHOD	UNITS	VALUES
Mechanical Properties			
Tensile Strength	ASTM D-638	Psi	6,000
Elongation	ASTM D-638	Percent	4.0
Flexural Yield Strength	ASTM D-790	Psi	9,000
Flexural Modulus	ASTM D-790	Psi	3.4 x 10 ⁵
Impact Strength-Izod (notched, ¼")	ASTM D-256	Ft. lbs/in.	5-10
Hardness, Rockwell	ASTM D-785		105
Thermal Properties			
Vicat Softening Temperature	ASTM D-1525 (rate A)	°F (°C)	212 (100)
Heat Deflection Temperature			
Under Load	ASTM D-648 (264 ps _i ;))	°F (°C)	190 (88)
Flammability	UL94		HB
Maximum Service Temperature, Air		°F (°C)	190 (88)
Flame Spread	E-162		<17
Thermal Expansion			0.8
Other Properties			
Density	D-792-B		1050
Specific Gravity	ASTM D-792	g/cc	1.3