

DATA SHEET

TURCITE A

PHYSICAL

SPECIFIC GRAVITY	1.5
WATER ABSORPTION, 24 hr. (%)	.06

MECHANICAL

TENSILE

Strength, Yield (10 ³ psi) @ 73°F.	5.5
Elongation, Ultimate (%) @ 73°F.	12
Modulus, Yield (10 ³ psi) @ 73°F.	

FLEXURAL

Strength, (10 ³ psi) @ 73°F.	11.7
Modulus, Yield (10 ³ psi) @ 73°F.	

COMPRESSIVE STRENGTH

2% Offset, (10³ psi)

IMPACT STRENGTH

Izod, Notched (ft. - lb./in.) @ 73°F.

HARDNESS

D75

COEFFICIENT OF STATIC FRICTION

Against self

Against steel

THERMAL

CONDUCTIVITY

(BTU/hr/sq. ft./Degree F./in.)

COEFF. OF THERMAL EXPANSION

(10⁻⁵/Degree F.)

5.5

SPECIFIC HEAT

(BTU/lb./Degree F.)

HEAT DEFLECTION TEMP.

(Degree F.)

At 66 psi.

At 264 psi

MAX. CONTINUOUS TEMP. (F.°)

160

ELECTRICAL

VOLUME RESISTIVITY

(Ohm/cm)

DIELECTRIC STRENGTH

(V/Mil)

DIELECTRIC CONSTANT

At 60 HZ

At 1 MHZ

DISSIPATION FACTOR

At 60 HZ

At 1 MHZ

ARC RESISTANCE (seconds)



550 Mallory Way • Carson City, NV 89701

(775) 283-4400 • (800) 475-2214

www.polymerplastics.com