

Antek

MADISON

Plastics Corporation

PP Polypropylene Homopolymer

LEGEND

A = amorphous - Cr = crystalline - C = clear - E = excellent - G = good - P = poor -
O = opaque - T = translucent- R = Rockwell - S = Shore

STRUCTURE: Cr

SPECIFIC DENSITY: 0.90

WATER ABSORPTION RATE (%): 0.01

ELONGATION (%): 200

TENSILE STRENGTH (psi): 4500

COMPRESSION STRENGTH (psi): 6500

FLEXURAL STRENGTH (psi): 7000

FLEXURAL MODULUS (psi): 190000

IMPACT (IZOD ft. lbs/in): 1

HARDNESS: R95

FABRICATION

- BONDING: P
- ULTRASONIC WELDING: P
- MACHINING: G

DEFLECTION TEMPERATURE (deg. F)

- @ 66 psi: 210

- @ 264 psi: 140

UTILIZATION TEMPERATURE (deg. F)

- min: -15

- max: 265

MELTING POINT (deg. F): 338

COEFFICIENT OF EXPANSION: 0.00006

ARC RESISTANCE: 180

DIELECTRIC STRENGTH (kV/mm): 23

TRANSPARENCY: T

UV RESISTANCE: P

CHEMICAL RESISTANCE

TORONTO

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