



MAXTON: RUNS COOLER LASTS LONGER

**Polymer Bearing Material
Offers 10X the Life of Other
Injection Moldable Polymers**

Maxton® is a new, patented injection moldable and machinable polymer introduced by Tri-Mack Plastics of Bristol, Rhode Island. Maxton® is used to make wear-resistant bearings and other parts featuring high strength, high modulus, low creep, excellent dimensional stability, and chemical and steam resistance.

Tri-Mack Maxton® H-3 is a high performance thermoplastic friction/wear material for producing journal and plane bearings, vanes, seals, thrust washers, piston rings and related parts. Providing up to 10X the life of traditional thermoplastic bearings, Maxton self-lubricating bearings feature 100,000 PV @1,000 FPM and can operate at temperatures from -60°F to 550°F.

Custom molded, and machined with ± 0.0005 " tolerance in complex shapes from 1/8" x 1/4" up to 24" dia., Tri-Mack Maxton® H-3 exhibits 26,400 psi flexural strength, 17,800 psi tensile strength, 3.9 psi x 10⁶ flexural modulus, 2.9 W/MK thermal conductivity, and is non-abrasive for use against stainless steel and aluminum. Applications include electric and air motors, rotary vane pumps, fans, conveyors, tentors and stentors, brakes, and clutches.

Tri-Mack Maxton® H-3 Custom Bearings are priced according to customer specification. Literature and price quotations are available upon request.

For more information contact:

**James P. Mack, New Product Development
(401) 253-2140 x 42 FAX (401) 253-4654
e-mail: jmack05@verizon.net**