



# Technical Data Sheet

## Harkness Industries MP 600

### Polyurethane Composition

MP 600 is a high performance polyester based urethane. This polyurethane is formulated to give an excellent balance of properties for a wide variety of applications including springs, scraper blades, die cutting pads, bumpers, bushings, wheels, tires, and many more.

### Physical Properties

Shore A Hardness .....	60 +/- 5
100% Modulus, psi (Mpa) .....	250 (1.7)
300% Modulus, psi (Mpa) .....	600 (4.1)
Tensile, psi (Mpa) .....	4500 (31.1)
Elongation, % .....	500%
Tear Strength, Die C (ASTM D-624) pli, (kN/m) .....	200 (34.8)
Compression Set % .....	10
22 hours @ 158°F (70°C), Method B	
Tabor Abrasion, H-18 100 gm Load	
Average Loss / 1000 cycles, grams .....	0.030
Bell Brittle Point, °F (°C) .....	- 70 (-57)
Specific Gravity .....	1.26

