



# Technical Data Sheet

## Harkness Industries MP 750

### Polyurethane Composition

MP 750 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, chute liners, wheels, tires, and many more.

### Physical Properties

Shore A Hardness .....	75 +/- 5
100% Modulus, psi (Mpa) .....	350 (2.4)
300% Modulus, psi (Mpa) .....	1000 (6.8)
Tensile, psi (Mpa) .....	5500 (37.6)
Elongation, % .....	500%
Tear Strength, Split (ASTM D-470) pli, (kN/m) .....	66 (11.4)
Tear Strength, Die C (ASTM D-624) pli, (kN/m) .....	250 (43.6)
Bashore Rebound, % .....	
Compression Set % .....	15
22 hours @ 158°F (70°C), Method B	
Bell Brittle Point, °F (°C) .....	- 70 (-57)
Tabor Abrasion, H-18 100 gm Load	
Average Loss / 1000 cycles, grams .....	0.040
Specific Gravity .....	1.26

