



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 |



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