



Typical Engineering Properties

- Hardness
- Stress-Strain
- Compression and shape factor
- Urethanes in compression
- Dynamic properties
- Compression set, creep
- Resilience
- Tear resistance
- Abrasion resistance
- Flexing
- Shear
- Physical constants
- Electrical properties
- Electro Static dissipation
- Frictional properties
- Impact resistance

Die-Thane Grade	DT-5	DT-15	DT-25	DT-35	DT-40
Hardness, Durometer (ASTM D 2240)	75D	95A	90A	80A	60A
Color	Black	Amber	Red	Green	Natural
Max Recommended Deflection	5%	15%	25%	35%	40%
Tensile Strength, PSI (ASTM D 412)	10000	5000	4500	3500	3000
Tensile Modulus, PSI (ASTM D 412)					
@ 50% Elongation	2000	900	500	220	150
@ 100%	4000	1800	1100	400	280
@ 300%	-	3400	2100	630	390
Elongation at break (%) (ASTM D 412)	275	425	450	800	530
Tear Strength, PLI (ASTM D 470)	115	150	75	70	25
%, 22 Hrs., @ 150 F (Method A)	10	45	27	45	6
Abrasion Index, % NBS (National Bureau of Standards) (ASTM D 1630)	450	400	175	140	45
Compression Modules, PSI, Pressure to produce 10% Deflection at shape Factor=1.0	4000	2000	1200	850	100