

Vesconite Superlube - Typical Properties

| | | METRIC | IMPERIAL |
|---|----------------------------------|----------------------|------------|
| Density (Specific Gravity) | | 1.68 | |
| Hardness - Shore D (ASTM D2240) | | 77 | |
| Compressive Properties (ASTM D695 - 15) | Compressive Strength @ Yield | 54 MPa | 7,832 psi |
| | Ultimate Compression Strength | 82 MPa | 11,893 psi |
| | Modulus of Elasticity | 0.41 GPa | 59,465 psi |
| Tensile Properties (ASTM D695 - 15) | Tensile Strength @ Yield | 34 MPa | 4,931 psi |
| | Tensile Strength @ Break | 33 MPa | 4,786 psi |
| | Modulus of Elasticity in Tension | 0.38 GPa | 55,114 psi |
| Shear strength (ASTM D732 -17) | | 27.2 MPa | 3,945 psi |
| Water swell - Mass change (ASTM D570) | After 24 hours | 0.09% | |
| | After 28 days | 0.10% | |
| Oil swell - Mass change (ASTM D570) | After 24 hours | 0.09% | |
| | After 28 days | 0.11% | |
| Impact Resistance | | 15 kJ/m ² | |
| Softening Temperature | | 163°C | 325°F |
| Dynamic Coefficient of Friction on Steel (Unlubricated) | | 0.05 - 0.08 | |

The above data should be taken for indicative purposes. Physical properties may be altered to some extent by processing conditions.