

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.