

BONAPRENE PRODUCTS LTD

DEFINITIONS

Hardness:	The Shore A scale is the most common hardness measure for elastomers. The higher the figure the harder the material Standard DIN2240-91.
100% modulus:	The tensile strength to stretch the material 100% of its length. Standard BS903 Pt A2-ISO37
300% modulus:	The tensile strength to stretch the material 300% of its length. Standard BS903 Pt A2-ISO37
Elongation at break:	The amount, as a percentage of its original length, the material will stretch before breaking. Standard BS903 Pt A2-ISO37
Tear strength:	The energy required to tear the material. Standard BS903 Pt A3-ISO34-1
Compression set:	The amount the material returns to its original form after being compressed. Standard BS903 Pt A6-ISO815
Resilience:	The ability of the material not to absorb impact energy. The higher the figure, the less energy absorbed, the more the material is resilient. Standard ASTM D 2632-92
Abrasion Loss	DIN 53516