TECHNICAL DATA SHEET

Queensland Gaskets

POLYURETHANE PLASTIC

Polyurethane (PU) or Urethane is an elastomeric material available in a wide range of hardness. Polyurethane has excellent resistance to abrasion, oils, various chemicals, solvents, and oxidation while maintaining high tensile strength and resilience.



TECHNICAL INFORMATION

TYPICAL PHYSICAL PROPERTIES	
Hardness, Shore A	**88 - 90**
Tensile, psi (MPa)	4100 (28.3)
Elongation, %	450
100% Modulus, psi (MPa)	1000 (6.9)
300% Modulus, psi (MPa)	1700 (11.7)
D-470 Split Tear, pli (kN/m)	65 (11.4)
Die C Tear, pli (kN/m)	370 (64.8)
Bashore Rebound, %	50

Compression Set, Method B	
22 Hrs. @ 158°F (70°C)	25
Compressive Modulus, psi (MPa)	
@ 5%	210 (1.4)
@ 10%	350 (2.4)
@ 15%	490 (3.4)
@ 20%	680 (4.7)
@ 25%	940 (6.5)
Specific Gravity	1.08

Contact us to discuss requirements and place your order 07 3277 3922

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