



Overview

PU95GR22 is Canyon's 95 shore A durometer, Green, CanThane Polycaprolactone Polyurethane. PU95GR22 is extremely wear resistant and is designed for use in high pressure applications. Compare to Parker® P5008.

Features & Benefits

- Extreme resistance to wear, abrasion, and hydrolysis.
- Good flexibility and compression set resistance.
- Excellent performance in high pressure environments.

Service Temperature

- -40°C to 110°C (-40°F to 230F)

Type

- MDI Cured Polycaprolactone

Test Data

Table 1. Physical Properties		
Test	Requirements	Results
Color	Green	Green
Hardness, Shore A	95+/-5	94
Tensile Strength, psi (MPa)	5000 min	7977 (55)
Elongation	450%	500%
Modulus @ 100%, psi (MPa)		1812 (12.5)



Table 1. Physical Resilience		
Test (Change)	Method	Results
Tear Resistance, N/mm	ISO 34-1	110
Abrasion Resistance, mm ³	ISO 4649	30
Modulus @ 20%, MPa		8.2
Modulus @ 50%, MPa		11
Modulus @ 200%, MPa		17.8
Modulus @ 300%, MPa		24.5

Table 2. Compression Set - 70 hrs at 23°C		
Test (Change)	Requirements	Results
Permanent Set, %		15

Table 3. Compression Set - 24 hrs at 70°C		
Test (Change)	Requirements	Results
Permanent Set, %		25

Table 4. Compression Set - 24 hrs at 100°C		
Test (Change)	Requirements	Results
Permanent Set, %		35

Table 5. Compression Set - 70 hrs at 100°C		
Test (Change)	Requirements	Results
Permanent Set, %		35

PU95GR22 is now available on the Canyon Components [online store](#).

Looking for specific chemical compatibilities or desire more material information? [Please Contact Us!](#)