



Overview

PU70TR00 is Canyon's general purpose, 70 shore A durometer, translucent, CanThane Polyurethane. PU70TR00 offers good wear and tear resistance. Compare to Parker®.

Features & Benefits

- Extreme resistance to wear and abrasion.
- Good flexibility and compression set resistance.
- Resistant to water, oxygen, ozone, and weathering.

Service Temperature

- -35°C to 85°C (-31°F to 185°F)

Specification

- ASTM D2000 M3BG714 B14 EA14 E014
- Polyether Gum Polyurethane

Test Data

Table 1. Physical Properties		
Test	Requirements	Results
Color	Translucent	Translucent
Hardness, Shore A	70+/-5	71
Tensile Strength, psi (MPa)	2031 min	2755 (19)
Elongation	250%	450%
Specific Gravity, g/cm ³		1.15



Table 2. B14 – Compression Set – 22 hrs at 150°C

Test (Change)	Requirements	Results
Permanent Set, %	50 max	42

Table 3. EA14 – Water Resistance – 70 hrs at 100°C

Test (Change)	Requirements	Results
Hardness, Shore A	-10 to +10	-4
Tensile Strength, %	N/A	-25
Elongation, %	N/A	-12
Volume, %	-5 to +5	+3

Table 4. E014 – Oil #1 Resistance – 70 hrs at 100°C

Test (Change)	Requirements	Results
Hardness, Shore A	-7 to +5	-4
Tensile Strength, %	-20 max	-6
Elongation, %	-40 max	-3
Volume, %	-5 to +10	+4

PU70TR00 is now available on the Canyon Components [online store](#).

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