Turel® E7Y30

MAKING AUTOMATED ASSEMBLY POSSIBLE

EPDM compound specially developed for automated assembly of products required to meet potable water standards.

Trelleborg Sealing Solutions Turel® E7Y30 has been specially developed for automated assembly. Our 70 durometer material avoids o-ring breakage associated with high elongation rates often experienced during automated assembly processes.

Compliant with Potable Water NSF/ANSI 61 for drinking system components, Turel® E7Y30 is an ideal material for equipment assembled automatically, such as faucets and valves. Turel® E7Y30 compliments the extensive range of materials Trelleborg Sealing Solutions offers to meet various NSF, FDA and other certifying body requirements. For further details contact your local Trelleborg Sealing Solutions marketing company.

Application Examples:

- Faucets
- Valves
- Water Heaters
- Ice Makers
- Pumps
- Filters
- Meters
- Fittings

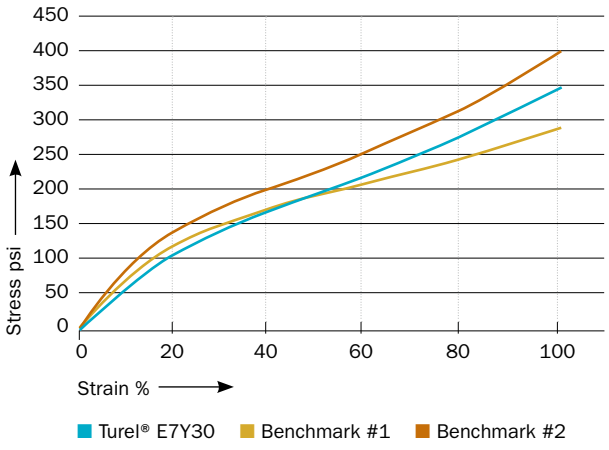
Features and Benefits:

- Designed to exceed global Potable Water regulations, NSF/ANSI 61 approved
- Engineered for automated assembly
- Excellent chloramine and chlorine resistance
- Suitable for Flexcoat™ FF colored surface treatment for even better automated assembly
- Globally available through Trelleborg Sealing Solutions logistics network
- The compound can be supplied in various seal types, such as O-Rings, square rings and gaskets

TUREL® COMPOUND E7Y30

Turel® E7Y30 has been tested and approved for joining and sealing materials that come in contact with drinking water (NSF/ANSI 61 section 6). It has been tested and approved for installation in end point devices intended to dispense water for human ingestion (NSF/ANSI 61 section 9).

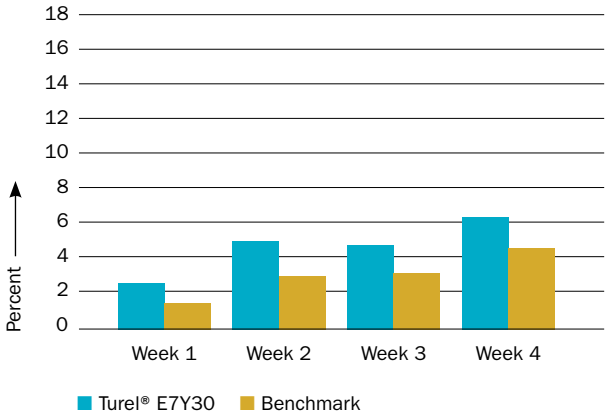
Stress-Strain Data
-214 O-Rings
0% to 100% Elongation



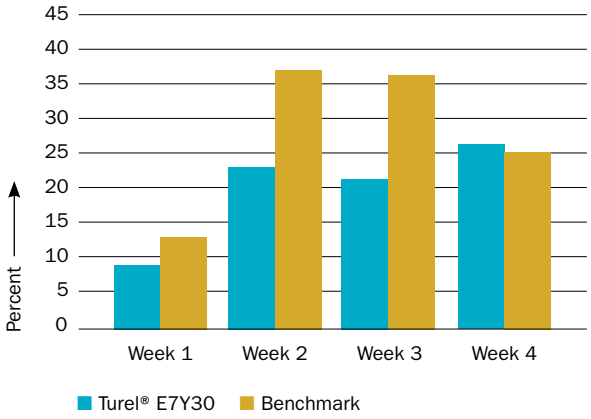
Material Data:

Basic polymer: Ethylene Propylene Diene Monomer (EPDM)
Color: Black
Hardness: 70 +/- 5 Shore A
Specific gravity: 1.16 +/-0.02 g/cm3
Minimum Temperature: -40° C
Maximum Temperature: 125° C

Monochloramine
50ppm@70C
Change in Volume



Available Chlorine
50ppm@70C
Change in Volume



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