

# CR\* Elastomer Compound 486CT

\*Chloroprene

## General Features

- Excellent compression set resistance
- Good heat resistance
- High resistance to petroleum oils, greases, and fuels
- Good low-temperature performance
- Versatility of use among all types of refrigerants and refrigeration oils

## Application

A general purpose CR with good aging resistance for suitability in a variety of sealing applications.

486CT exhibits good resistance to a wide range of petroleum products and refrigeration applications utilizing various families of lubricants, while providing excellent low-temperature flexibility.

## ORIGINAL PROPERTIES

Property	Unit	Nominal	Typical	ASTM Test Method
Hardness	Shore A	70 ± 5	68	D 2240
Tensile Strength	MPa	10 min	13.8	D 412
Elongation at break	%		209	D 412
100% Modulus	MPa		4.5	D 412
Tear Strength, Die C	kN/m		13.3	D 624
Specific Gravity			1.42	D 297

## Air Age, 70h @ 100°C per ASTM D 573

Property	Unit	Typical
Δ Hardness	Shore A	9
Δ Tensile Strength	%	12
Δ Elongation	%	-3.3

# CR Elastomer Compound 486CT

IRM 901 Oil, 70h @ 100°C per ASTM D 471

Property	Unit	Typical
Δ Hardness	Shore A	1
Δ Tensile Strength	%	-11.5
Δ Elongation	%	-18.7
Δ Volume	%	-5

IRM 903 Oil, 70h @ 100°C per ASTM D 471

Property	Unit	Typical
Δ Hardness	Shore A	-15
Δ Tensile Strength	%	-24.2
Δ Elongation	%	-23.4
Δ Volume	%	39.8

Compression Set Resistance,  
per ASTM D 395, Method B

Property	Unit	Typical
22h @ 100°C	%	11
70h @ 100°C	%	15.9

Low Temperature, per ASTM D 2137

Property	Typical
Non-brittleness, 3 min @ -55°C	Pass

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