

**NOVUM PCT 01** is a homopolymer of chlorotrifluoroethylene and it is harder and stronger polymer with better mechanical properties than PTFE.

## MATERIAL DATA

S.N	DESCRIPTION	ASTM TEST METHOD	UNIT	SPEC
1	Hardness	D 2240	Shore-D	75 - 80
2	Density	D 792	Gm/cc	2.1 – 2.15
3	TensileStrength	D 638	MPa	30 (Min)
6	Elongation @ Break	D 638	MPa	100 (Min)

**Note:** This information is to the best of our knowledge accurate and reliable and it does not necessarily indicate the end product performance. Hence, it is the customer's responsibility to evaluate the parts prior to use, especially in applications where the failure may result in injury and or damage.

## FEATURES & BENEFITS

Good Chemical Resistance

Good Dimensional Stability

Low Moisture Absorption

Operating temperatures from -200°C to +150°C

## APPLICATIONS

Cryogenic and Chemical Processing Components

Valves, Pumps

Aerospace Seals

Liquid Oxygen and Liquid Nitrogen Linings

## PRODUCT RANGE

Mechanical Gears

Hardware

Construction Tools

High Pressure Ball Valves

