

TECHNICAL DATA SHEET (R2)**GRADE CODE: HN-V-610****Product: Virgin / Unfilled PTFE – Polytetrafluoroethylene**

Sr. No.	Parameter	Standard	Value
1	Colour	Visual	Milky White
2	Density	ASTM-D-792	2.1~2.2 gm/cc
3	Tensile Strength	ASTM-D-638	200~300 kg/cm ²
4	Elongation	ASTM-D-638	200~300 %
5.a	Compressive Strength at 1% Deformation	ASTM-D-695	35~40 Kg/cm ²
5.b	Compressive Strength at 10% Deformation	ASTM-D-695	140~145 Kg/cm ²
6	Coefficient of Friction	-	-
A	Static	ASTM-D-1894	0.05
B	Dynamic		0.04
7	Hardness	ASTM-D-2240	50~60 Shore D
8	Service Temperature	ASTM-D-648	- 200~+260°C
9	Water Absorption	ASTM-D-570	0%
10	Dielectric Strength	ASTM-D-149	10~15 Kv/mm
11	Service Conditions (Properties)	<ul style="list-style-type: none">• Hygienic• Excellent chemical resistance• Outstanding electrical properties• Excellent flexural properties	
12	Applications	Industrial Sealing Components, Gaskets, Bellows, food contact & medicine / human consumption, Oil & Gas Industrial applications.	

Note: The information contained herein are typical values intended for reference and comparison purposes only. They should NOT be used as a basis for design specifications or quality control. All values at 23°C unless otherwise noted.