

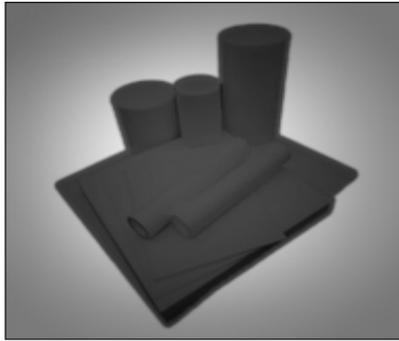


HINDUSTAN NYLONS

PTFE: Tough Polymer For Tough Environment

TECHNICAL DATA SHEET

Grade No. HN-CA/GR-25-F
25% Carbon/Graphite Filled PTFE



Products : Moulded Rods, Moulded Bushes, Moulded Sheets, Skived Sheets & Machined Components

STANDARD :- ASTM-D-4745, Type I, Grade 8, Class A

Sr. No.	Parameter	Standard	Value
1	Colour	Visual	Charcoal Black
2	Density	ASTM-D-792	2~2.15 gm/cc
3	Tensile Strength	ASTM-D-638	125~175 Kg/cm ²
4	Elongation	ASTM-D-638	100~150%
5a	Compressive Strength at 1% Deformation	ASTM-D-695	50~60 Kg/cm ²
5b	Compressive Strength at 10% Deformation	ASTM-D-695	160~180 Kg/cm ²
6	Coefficient of Friction	-	-
A	Static	ASTM-D-1894	0.060
B	Dynamic		0.050
7	Hardness	ASTM-D-2240	56~62 Shore D
8	Service Temperature	ASTM-D-648	- 200 ~ + 250°C
9	Water Absorption	ASTM-D-570	<0.01%
10	Dielectric Strength	ASTM-D-149	5~6 Kv/mm
11	Service Conditions (Properties)	<ul style="list-style-type: none"> • High compressive strength • Improved wear resistance under load & permanent deformation • Better thermal / electrical conductivity 	
12	Applications	Wear Strips	