

Material Data Sheet

DF-PK1000

General

10% PEEK Filled PTFE

Increased thermal resistance, sliding properties, surface hardness. Superior properties on dynamic applications.

Typical Physical properties

Color	-	-	Beige
Density(Specific Gravity)	ASTM D-792	g/cm ³ (gm / cc)	2.00
Water Absorption(Max.)	ASTM D-570	%	<0.01
Flammability		-	V-0
Tensile Strength	ASTM D-4894	mpa	≥20
Elongation of Break	ASTM D-638	%	≥250
Hardness	ASTM D-2240	Shore D	61 - 66
Ball hardness		mpa	26
Service temperature (long term)	ASTM D-648	°C	-200 to + 280
Surface Resistivity	ASTM D-258	ohm	>10 ¹⁶
Volume Resistivity	ASTM D-257	ohm cm	>10 ¹⁷

- NOTE:
- *The data stated above are typical values intended for reference and comparison purposes only.
 - *The data should not be used as a basis for design specifications or quality control.
 - *The information is provided as a guide to the best of our knowledge and given without obligation or liability.
 - *Testing under individual application circumstances is recommended.