

## Material Data Sheet

### DF-G15M05

#### General

#### 15% Glass 5% MoS2 Filled PTFE

- \* Improved thermal dimensional stability
- \* Improved creep resistance
- \* Improved compression strength
- \* Exceptional temperature resistance
- \* Excellent chemical stability
- \* Excellent electrical insulation properties
- \* Reduced friction & wear; Low friction behavior
- \* Improved surface hardness

#### Typical Physical properties

Color	-	-	Light Grey
Density(Specific Gravity)	ASTM D-792	g/cm <sup>3</sup> (gm / cc)	2.25 - 2.30
Water Absorption(Max.)	ASTM D-570	%	<0.01
Flammability		-	V-0
Tensile Strength	ASTM D-4894	mpa	≥17
Elongation of Break	ASTM D-638	%	≥190
Hardness	ASTM D-2240	Shore D	60 - 65
Ball hardness		mpa	30
Service temperature (long term)	ASTM D-648	°C	-180 to + 260
Surface Resistivity	ASTM D-258	ohm	>10 <sup>15</sup>
Volume Resistivity	ASTM D-257	ohm cm	>10 <sup>14</sup>

- 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.