

# KYNAR® 340 PELLETS

KYNAR® 340 is a formulated conductive PVDF product for extrusion and injection molding.

*The following table and figures summarize the properties of KYNAR® 340 pellets:*

## TYPICAL PROPERTIES\*

| <u>PROPERTY</u>                             | <u>METHOD</u> | <u>ENGLISH / COMMON UNITS</u> | <u>VALUE</u>         |
|---|---------------|-------------------------------|----------------------|
| Density                                     | ISO R 1183 D  | -                             | 1.78                 |
| Melting Point                               | ISO R 3416 C  | °C                            | 166                  |
| Melt Flow Index (230°C, 10Kg)               | ISO 1133      | g/10 mn                       | 4                    |
| Melt Viscosity (230°C, 100s <sup>-1</sup> ) | ASTM D 3835   | poise                         | 25,000               |
| Shore Hardness                              | ISO 868       | D                             | 76                   |
| Tensile @ 23°C<br>Strength at Yield         | ISO R 527     | MPa                           | 40                   |
| Elongation at Yield                         | ISO R 527     | %                             | 9                    |
| Elongation at Break                         | ISO R 527     | %                             | >20                  |
| Flexural Modulus                            | ISO 178       | MPa                           | 1,600                |
| CHARPY Impact Notched 23°C (73°F)           | ISO 180       | KJ/m <sup>2</sup>             | 8                    |
| Volume Resistivity<br>Surface Resistivity   | IEC 93        | Ohm.com<br>Ohm                | <1 10E+5<br><1 10E+5 |

\*Typical property values. Should not be construed as sales specifications.

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