

# REPRO★LON

## Technical Data Sheet Grade 1

### PHYSICAL PROPERTIES

<b>POLYMER:</b>	<b>PTFE</b>
<b>COLOR:</b>	<b>White , Homogeneous</b>
<b>MEAN PARTICLE SIZE:</b>	<b>- 20 MESH . 99%</b>
<b>BULK DENSITY</b>	<b>850 g/l Min.</b>
<b>TENSILE STRENGTH PSI</b>	<b>1500 Min.</b>
<b>ELONGATION%</b>	<b>75% Min.</b>
<b>SPECIFIC GRAVITY</b>	<b>2.15-2.20</b>

### PROFILE

Grade #1 is a pure Polytetrafluoroethylene white granular powder designed for ram extrusion. Rods or tubes can be extruded, then machined into gaskets, ball valve seats and other shapes. Processing diameters are limited only by the size of the extruder. Grade #1 is unaffected by almost all chemicals, can be used in continuous service at 260°C (500°F), and produces high quality electrical and mechanical properties.