



PTFE Fine Powder DF-203

Main Technical Data Sheet

| No. | Item | DF-203 | |
|-----|-----------------------------------|--|--|
| | | EXCELLENT GRADE | |
| 1 | Appearance & Cleanness | Test plate is white and homogeneous and no-impurities | |
| 2 | Tensile Strength(Mpa) \geq | 28 | |
| 3 | Elongation at Rupture(%) \geq | 350 | |
| 4 | Bulk Density (g/l) | 475 \pm 100 | |
| 5 | Average Particle Size (μ m) | 420--550 | |
| 6 | Extrude Pressure (Mpa) | 27.5 \pm 13.5 | |
| 7 | Moisture Content(%) \leq | 0.03 | |
| 8 | Melting Point($^{\circ}$ C) | 327 \pm 5 | |
| 9 | Standard Relative Density | 2.180---2.199 | |
| 10 | Thermal Instability Index \leq | 50 | |
| 11 | For Process | Paste Extrusion | |
| 12 | Main Usage | High density elastic tape, belt, thin-wall pipe, small-diameter rod, sheet, tube, cable etc. | |
| 13 | Packing, Storage & Transportation | 1. The PTFE is packed in double layer PVC bags inside and in hard circular barrels outside. On the barrel, there will be attached label and quality certificate, on which there are brand, lot No. and net content=20kg, pack date, checker and packager; 2. The products are transported according to non-dangerous products. Heat, moisture freezing and strong shock should be avoided during transportation. Over-bumpiness is apt to make the resin bind together. | |