



DAIKIN AMERICA, INC.
20 Olympic Drive
Orangeburg, NY 10962
Tel: (845) 365-9500
Fax: (845) 365-9515

TECHNICAL DATA SHEET

DAIKIN PTFE F-303

Daikin PTFE F-303 is a high molecular weight polytetrafluoroethylene fine powder resin for paste extrusion manufactured without the use of PFOA. F-303 has been specifically designed for the manufacture of medium to large diameter thick wall tubing requiring improved heat resistance, thermal fusion and/or stress crack resistance properties. This grade exhibits high green strength required for vertical processing.

Typical characteristics of the resin are as follows:

| CHARACTERISTIC | UNITS | TYPICAL VALUE | TEST METHOD |
|-------------------------|--------------------|---------------|-------------|
| BULK DENSITY (MINIMUM) | g/l | 400 | ASTM D 4895 |
| STD SPECIFIC GRAVITY | --- | 2.140 - 2.160 | ASTM D 4895 |
| TENSILE STRENGTH (MIN.) | MPa | 25 | ASTM D 4895 |
| ELONGATION (MIN.) | % | 300 | ASTM D 4895 |
| PARTICLE SIZE | Microns | 400 - 700 | ASTM D 4895 |
| EXTRUSION PRESSURE | Kg/cm ² | 140 - 270 | DAIKIN |
| APPEARANCE | --- | WHITE POWDER | VISUAL |

Note: The data listed above fall within the normal range of product, but they should not be used to establish specification limits nor be used as the sole basis of design.

SAFETY & HANDLING

Daikin PTFE F-303 should be handled like other Daikin PTFE resins. When PTFE resins are heated to temperatures above 260°C, minor amounts of decomposition products are given off. These decomposition products may be harmful and inhalation of these fumes must be avoided. Ovens, process equipment and the working area must be adequately ventilated. For further information, please refer to the material safety data sheet for this product.

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