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## TECHNICAL DATA SHEET

### DAIKIN PTFE M-532

Daikin PTFE M-532 is a polytetrafluoroethylene virgin granular free flow resin. M-532 has excellent powder flow characteristics and may be used successfully for compression molding, automatic molding, isostatic molding and ram extrusion applications.

Typical characteristics of the resin are as follows:

CHARACTERISTIC	UNITS	VALUE	TEST METHOD
BULK DENSITY	g/l	870	ASTM D 4894
STD SPECIFIC GRAVITY	---	2.17	ASTM D 4894
TENSILE STRENGTH	MPa	41	ASTM D 4894
ELONGATION	%	380	ASTM D 4894
AVERAGE PARTICLE SIZE	microns	400	ASTM D 4894
SHRINKAGE	%	3.0	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 M-532 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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