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TECHNICAL DATA SHEET

DAIKIN-POLYFLON™ PTFE M-15B

Daikin-Polyflon M-15B is a polytetrafluoroethylene virgin granular fine cut resin. This broad specification molding powder has been designed for use in medium to large billet mechanical grade applications where consistency of final product physical properties and superior appearance are non-critical.

Typical characteristics of the resin are as follows:

CHARACTERISTIC	UNITS	VALUE	TEST METHOD
BULK DENSITY (minimum)	g/l	400	ASTM D 4894
STANDARD SPECIFIC GRAVITY	---	2.13 - 2.19	ASTM D 4894
TENSILE STRENGTH (minimum)	MPa	27.6	ASTM D 4894
ELONGATION (minimum)	%	300	ASTM D 4894
SHRINKAGE	%	3.0 - 5.0	DAIKIN qac206p
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-Polyflon PTFE M-15B should be handled like other Daikin-Polyflon 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.

Rev. 02/12