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TECHNICAL DATA SHEET

NEOFLON™ FEP ND-110 DISPERSION

Neoflon FEP ND-110 is a low PFOA content aqueous copolymer dispersion of tetrafluoroethylene and hexafluoropropylene. ND-110 has been designed for glass fabric and glass mat coating, film casting, spray coating and release coating formulation applications.

Typical characteristics of the dispersion are as follows:

CHARACTERISTIC	UNITS	TYPICAL VALUE	TEST METHOD
VISCOSITY @ 25°C	cp	15 - 25	DAIKIN METHOD
SPECIFIC GRAVITY @ 25°C	---	1.40 - 1.43	HYDROMETER
pH @ 25°C	---	8 - 9	ASTM D 4441
SOLIDS CONTENT	%	50 - 54	ASTM D 4441
SURFACTANT CONTENT (based on polymer)	%	7.0 - 8.0	ASTM D 4441
APPEARANCE	---	TRANSLUCENT WHITE LIQUID	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

Neoflon ND-110 should be handled like other Neoflon FEP resins. When FEP resins are heated to temperatures above their melting points, 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 and the "Guide to Safe Handling of Fluoropolymer Resins" published by the Fluoropolymers Division of The Society of Plastics Industry – available from Daikin America.