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TECHNICAL DATA SHEET

DAIKIN PTFE D-610C DISPERSION

Daikin PTFE D-610C is a low PFOA content homopolymer polytetrafluoroethylene aqueous dispersion. D-610C has been designed for cast film and glass fabric coating applications where increased build is desired. D-9014 contains a more environmentally friendly surfactant that leaves fewer residues in the finished product than traditional surfactants.

Typical characteristics of the dispersion are as follows:

CHARACTERISTIC	UNITS	SPECIFICATION	TEST METHOD
VISCOSITY @ 25°C	cps	< 35	DAIKIN METHOD
SPECIFIC GRAVITY @ 25°C	---	1.500 - 1.530	HYDROMETER
pH @ 25°C	---	9.5 – 10.5	ASTM D 4441
SOLIDS CONTENT	%	59 – 61	ASTM D 4441
SURFACTANT CONTENT (on PTFE)	%	5.5 – 6.5	ASTM D 4441
APPEARANCE	---	MILKY WHITE LIQUID	VISUAL

Note: The data listed above fall within the normal range of product, but they should not be used as the sole basis of design.

SAFETY & HANDLING

Daikin-Polyflon PTFE D-610C 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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