

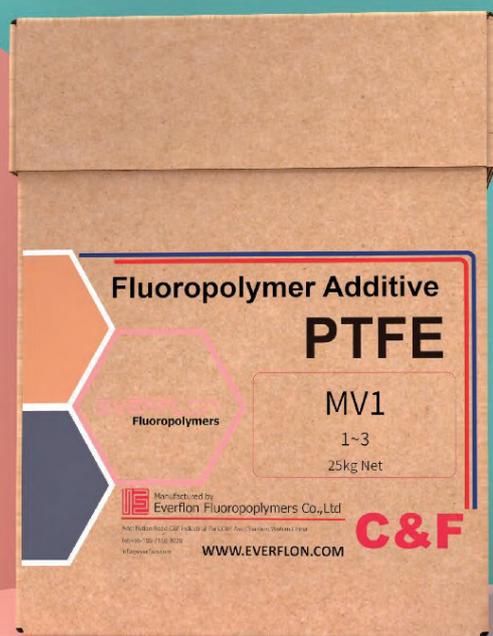


Everflon™
PTFE
Micropowders

MV1

Description

Everflon™ PTFE MV1 is a white finely divided PTFE (polytetrafluoroethylene) micropowder which is easy to disperse in a wide range of liquids. Everflon™ PTFE MV1 is particularly suitable for use in surface coatings, metal decorating inks, low viscosity lubricating oils and is readily dispersed in liquids using either high or low shear mixing. This combination of properties makes Everflon™ PTFE MV1 very useful in coating formulations. Everflon™ PTFE MV1 is suitable for use in food contact applications. No perfluorooctanoic acid (PFOA) or its salts are used to manufacture Everflon™ PTFE MV1 .



Typical Property Data for Everflon™ PTFE MV1 Fluoroadditive

Property	Test Method	Units	Typical Value
Bulk Density	ASTM D-4894	grams/liter	440
Particle Size – Low Shear	Laser Diffraction	Average (µm)	1.5
		D10	6
		D90	15
Particle Size	Hegman ASTM D-1210	microns	1
Surface Area	Krypton adsorption	meter ² /gram	2
Moisture Content	ASTM D-4019	%	< 0.1
Particle Type		Rounded shape, intermediate hardness	
Melting Point	ASTM D-3417	°C (°F)	325 (617)

Typical Applications

Everflon™ PTFE MV1 is used as an additive (at approximately 1–3% by weight) in the preparation of offset, gravure, and flexographic printing inks. It improves certain properties, such as rub and slip resistance. It is used in combination with polyethylene waxes to obtain the desired degree of property modification. Due to its small particle size and narrow particle size distribution, Everflon™ PTFE MV1 has been found useful in a variety of coating systems. Typical loadings of 5–20% by weight are used in plastics and elastomers.



Handling Precautions

Heating Everflon™ PTFE in excess of 399 °C (750 °F) can produce toxic fumes. It is, therefore, necessary to provide local exhaust ventilation in areas where Everflon™ PTFE products are exposed to high temperatures. Avoid breathing fumes or contaminating smoking tobacco with fumes, powder, or dust.

Thermal decomposition of this product will generate hydrogen fluoride, which is corrosive. Corrosion resistant materials are required for prolonged contact with molten resin.

Everflon™ PTFE MV1 is packaged in 25-kg (55.1-lb) drums. Eight 25-kg drums are packaged on one pallet for ease of shipping, handling, and storage.



For more information, visit www.everflon.com

For sales and technical support contact, please contact info@everflon.com

Everflon logo are trade mark of Everflon Fluoropolymer Co.,Ltd

Fuqiao Industrial Park,C&F Ave,Chaidian,Wuhan, China. 43100

Tel:+86-185-7168-9228

