



# Formolon® -KVH

## PVC Homopolymer Dispersion Resin

F-KVH is a structured high molecular weight PVC homopolymer dispersion resin which imparts pseudoplastic flow in which it is used. Plastisol prepared utilizing F-KVH are particularly suited for dip, slush and rotational molding where mold release and pseudoplasticity are desired as well as fabric coating application where minimum strike through is essential.

### TYPICAL RESIN PROPERTIES

Relative Viscosity	QC-10-104	2.65
Inherent Viscosity	ASTM D1243	1.20
K-Value	Fikentscher's constant	75
Volatiles	ASTM D3030	0.3%
Methanol Extract	ASTM D2222	1.5 %

### TYPICAL PLASTISOL<sup>1</sup> PROPERTIES

Brookfield Viscosity	SPI-VD-T1	2 rpm aged 2 hrs	5000 poise
		20 rpm aged 2 hrs	600 poise
Severs Viscosity	SPI-VD-T2	100 psig aged 2 hrs	80 poise
Gelation Temperature	SPI-VD-T18		172 °F

1. 500 gm resin and 300 gm DOP, Hobart mixer mixed 5 min. @ No. 1 speed and 10 min. @ No. 2 speed, undeaerated.

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