

POLYFLON™ LDW-40

Polytetrafluoroethylene

DAIKIN AMERICA, INC.

Message:

DAIKIN-POLYFLON PTFE LDW-40 is an aqueous dispersion of low molecular weight PTFE. LDW-40 doesn't fibrillate by compressive shear force since the molecular weight is low.

LDW-40 is recommended for use as an additive in aqueous paints to increase water repellency, as a lubricant on metal surfaces, and as a performance additive in release agents to increase lubricity.

Excellent thermal stability

Exceptional chemical stability

Superior lubricity

Water repellent

General Information			
Features	Good Thermal Stability		
	Low Molecular Weight		
	Low to No Water Absorption		
	Self Lubricating		
Uses	Coating Applications		
	Plastics Modification		
Appearance	White		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.30	g/cm ³	Internal Method
Particle Size - Average	180	nm	
pH (25°C)	8.0 to 9.0		
Surfactant Content	6.0	%	
Thermal	Nominal Value	Unit	
Melting Temperature	330	°C	
Thermoset	Nominal Value	Unit	Test Method
Thermoset Mix Viscosity (25°C)	8.00	cP	Internal Method
NOTE			
1.	25°C		

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