



## Product Data Sheet

Version 1.1

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### VINNATE<sup>®</sup> DP-F310

#### *Redispersible polymer powder - Flexible type*

DP-F310 is a kind of Vinyl Acetate and Vinyl copolymer powder with good saponification resistance , easily dissolved in water. With large range of Glass Transition Temperature (GTT.) and machine performance (hard, soft and flexible). This series of product can improve the performance of various mortars, like EIFS, tile adhesives, SLF mortars etc. And can improve the adhesive and flexibility of mortars and binder.

#### *Specification:*

Appearance	White free flowing powder		
Protective colloid	Polyvinyl alcohol (PVA)		
Additives	Anti-caking agent, no film-forming agent and plasticizer		
Item	Unit	Value	
Solid	%	98.0-100.0	
Ash (1000°C)	%	10-14	
Bulk density	g/l	450-580	
Size (100mesh)	%	85	
PH value	—	5.5-8.0	
MFFT.(around)	°C	0	
GTT.(around)	°C	-5	

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### **Features:**

With Low Glass Transition Temperature (GTT.) and flexibility, DP-F310 can improve adhesion, bending strength, deforming ability, abrasion resistance and good workability, and not affect the thixotropy and water retention property.

### **Application:**

Typically application: Cement, anhydrite, concrete repairing mortars, tile adhesive, construction binders, grouts mortars and EIFS etc.

Application	Recommend rate	
Thin-bed mortars	√√√	
Tile adhesive	√√	
Grouts	√√	
Repairing mortars	√	
Concrete repairing mortars	√√√	
Gypsum-based	√√√	
√√√ Highly recommend	√√ Recommend	√ Suitable

### **Package:**

25kg net paper bags or on request.

### **Storage:**

DP-F310 redispersible powder should be stored in a dry and cool place. High humidity and temperature will increase the risk of caking. Do not stack pallets on top of each other to avoid compaction. It is recommended to use these products within six months of purchase.

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