

Poly Brand FZCo

Technical Specification Vinyl Chloride-Vinyl Acetates Terpolymer (POLY STAR UMCH)

Technical Data

No.	Item	Index	Test Method
1	Appearance	White powder	Visual
2	Adhesion No. (K Value)	54-56 (44-46)	GB/T3401-2007
3	Glass Transition Temperature (T _g), °C	74	GB11998-89
4	Molecular weight	27,000	
5	Volatile (%)	≤1.0	GB/T2914-1999
6	Density g/ml	≥0.60	GB/T3402
7	Solubility	Achromatous and transparent	Use MEK:Toluene(1:1) to confect 25% solution
8	Composition		
	Vinyl Chloride	83~85	Q/320205AHAD05-2009
	Vinyl Acetate	13~15	
	Maleic Acid	1.8~2.1	

Description POLY STAR UMCH is a high molecular weight, with carboxyl functional group, comprised of vinyl chloride, vinyl acetate and maleic acid.

- Features**
- Resistance to water, alcohols, oil, ester, acid, alkali and salt water.
 - Has excellent adhesion to vinyl, cellulosic, and concrete substrates.
 - Has excellent adhesion on metal, especially on aluminum foil.

Application

Heat sealable packaging coatings	Adhesives	Food packaging	Maintenance & marine coatings	Inks	General Metals
Yes	Yes	Yes	Yes	Yes	Yes

Package & Storage

- Net 25kg/bag, craft paper bag with PE inner bag.
- Store in a dry room at room temperature of below 30°C, cool and well-ventilated place. Under these conditions, the product has a shelf life of 12month from manufacture date.
- Safety Issue refers to MSDS.