

Product List for PU Reinforced Polymer Material

Product	Model	Characteristic	Application									
Catalyst for Inorganic Material	CUCAT-WNT05A	It has excellent compatibility with sodium silicate, and is easy to disperse evenly in sodium silicate; No need to add glycerin; Better performance in summer.	Inorganic reinforcement									
	CUCAT-WNT06	Highly active catalyst, with a catalytic activity of approximately 1.5-2 times that of DMAEE, and high cost-effectiveness.										
	CUCAT-WNT07	The catalytic activity is slightly higher than that of DMAEE, with good compatibility and higher strength of the material after curing.										
	CUCAT-YR11	With high catalytic activity, it can be used for spraying on vertical surface without sagging; Used for rapid foaming and molding of inorganic foaming materials. Meets the higher requirements for gelling time.	Spray foaming material; Inorganic foaming filler, etc									
	<p>Gel Time Comparison</p> <p>(sec)</p> <table border="1"> <tr> <th>Model</th> <th>Gel Time (sec)</th> </tr> <tr> <td>WNK01</td> <td>~35</td> </tr> <tr> <td>WNT04A</td> <td>~45</td> </tr> <tr> <td>DMAEE</td> <td>~60</td> </tr> <tr> <td>WNT05A</td> <td>~85</td> </tr> </table> <p>Dosage: Amount of sodium silicate × 0.3%</p> <p>Fully compatible and non stratified (WNT05 3%) DMAEE cause obvious stratification in 12 hour (DMAEE 3%)</p>		Model	Gel Time (sec)	WNK01	~35	WNT04A	~45	DMAEE	~60	WNT05A	~85
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Catalyst for Organic Material	AUCAT-MK02	Eco-friendly anti-hydrolysis catalyst, solving the problems of slow catalysis of T12 after long-term storage and easy foaming; The reasonable combination of MK02 and MK02A can make the reaction heating slow and not exceed 100 °C, which meets the requirement of the new safety standard. It is recommended to add MK02 into isocyanate component and MK02A into polyol component.	Non foaming high strength organic reinforcement									
	AUCAT-MK02A											
	AUCAT-MK11	Eco-friendly anti-hydrolysis catalyst, insensitive to moisture and non bubbling; The exothermic reaction is mild, the curing is fast. The colloid is dense, with high compressive and shear strength.										
	FOCAT-8006M	Paired with amine catalysts to shorten molding time.	Organic foaming filler, etc									
	FOCAT-8006P	Long term storage and without failure in polyol component containing water, moderate catalytic activity, used for rapid blowing and molding of foaming materials.										
Solubilizer	YRXR-01 YRXR-04A	It is used for inorganic reinforcement system to improve the compatibility of sodium silicate and improve the reaction rate.	Inorganic reinforcement									
Antistatic Agent	CUCE-ASW	High efficiency antistatic effect, less dosage, no influence on strength.	prevention of statical electricity									
Defoamer	YRXP-08W	Used for inorganic reinforced material, good compatibility, high bubble inhibiting and breaking efficiency.	Inorganic reinforcement									
	YRXP-02S	Used for organic reinforced material, good compatibility, high bubble inhibiting and breaking efficiency.	Organic reinforcement									