

## Catalyst & Additive for PU Foam & Integral Skin Foam

Product	Model	Characteristic		Application	
Gelling catalyst	FOCAT-8003M	Gel type eco-friendly tin free delay catalyst. It can significantly extend the milky white period when used in combination with amine catalysis, and the foaming process is ease and smooth, and the post curing is faster.		Used for MDI polyether foaming system. Molded integral skin foam products such as automobile steering wheel and foam tire.	
	AUCAT-501	Substitutes for T-12. Anti-hydrolysis and eco-friendly tin catalyst, with strong gel catalytic activity, and has typical catalytic characteristics of tin.		General purpose type, reduce the amount of amine catalyst, used for high resilience foam, with lower compression set and better permeability	
	AUCAT-S06	Highly active organotin catalyst with high hydrolysis resistance.			
Thermal sensitive gelling catalyst	CUCAT-RM60	Thermal sensitive Temperature	45-55°C	Strong gelling catalyst, promote post curing, fast demoulding. It is generally not used alone, but only as an auxiliary catalyst. It is recommended to use it with balanced main catalyst NX100 or NX200 and other balanced catalysts. If the foaming ratio is not enough, a small amount of blowing catalyst NX104 or NX204 should be used properly.	General purpose type, extending milky white time and accelerating post curing.
	CUCAT-RM50A		50-60°C		
	CUCAT-RM70		60-70°C		
	CUCAT-RM90		80-90°C		
Blowing-gelling balance catalyst	FOCAT-8002	Delayed foaming catalyst. Compared with other delayed amine catalysts, the milky white period is significantly prolonged and the post-curing is faster, effectively improving the production efficiency; Prevent the collapse of foam, and ensure the dimensional stability of products.		Used for foam sponges, especially for high-density foam products which require fast post-curing and rapid demoulding, such as shoe soles.	
	FOCAT-8006P	Delayed foaming catalyst, Delay the milky white period, but promote fast post curing. It can be used alone or in combination with catalysts FOCAT-NX100 and NX104.		Eco-friendly & tin-free, Used for block sponge, suitable for continuous production method.	
	FOCAT-8006M	Delayed foaming catalyst, Delay the milky white period, but promote fast post curing. It can be used alone or in combination with catalysts FOCAT-NX100 and NX104.		Used for integral skin foam, especially for all-water foaming materials. Suitable for formula system with high powder content.	
Delayed blowing-gelling balance catalys	FOCAT-NX100	Balanced catalyst for delayed foaming.		General purpose	
	FOCAT-NX200	Balanced catalyst for delayed foaming with super long milky white period.			
Delayed blowing catalyst	FOCAT-NX104	For formulas with insufficient foaming rate, NX104 starts blowing about 50-60% faster than NX204; It is generally not used alone and be used as an auxiliary catalyst. It is recommended to be used together with the balanced main catalyst NX100 or NX200 and other balanced catalyst.		General purpose	
	FOCAT-NX204				
Viscosity Reducer	YRFC-FM02	Adding a small amount can greatly reduce the viscosity of the powdery white material, improve the fluidity, and prevent the powder filler from settling at the bottom of the barrel; Improve foaming uniformity, improve quality and reduce cost.		Recommended for foaming P material (polyol component) with high powder content	
Anti-yellowing antioxidant	UVK-CLV	High efficiency, low addition; Excellent anti-yellowing effect; Excellent anti-aging effect.		General purpose additive, recommended for all kinds of polyurethane foaming materials.	
Antistatic Agent	CUCE-ASW	Excellent antistatic effect, low addition, no effect on foaming, antistatic effect can reach 10 <sup>8</sup> Ω			
Anticatalyst	NCAT-YC02	Effectively delay the reaction speed and give longer milky white period.			