



Office/ 办公室

23/F, Tower A, EWT Centre, 155C Changjiang Avenue,
High-tech District, Shijiazhuang, Hebei 050000, China
河北省石家庄市高新区长江大道155号星际中心A座23层
Tel/电话: 86-311-89928216 Fax/传真: 86-311-89928209
info@hejia-china.com www.hejiachemical.com

Plant Site/工厂

No.2, First Huanan Road, Yanjia Street,
Changshou District, Chongqing, 401220, China
重庆市长寿区(宴家街道)化南一路2号



聚氨酯添加剂

POLYURETHANE

Catalyst | Additive | FR

合佳&合汇 HEJIA & HEHUI



WE MEET
YOUR
BASIC NEEDS

我们满足您的基本需求

关于我们 ABOUT US

Our company have been servicing the polyurethane industry for over two decades. We also expanded our business scope to Alkyl Polyglucoside and green solvent few years ago to achieve our corporate mission of providing wide range of products and solution to the industry around the green concept; may it be better thermal insulation, more environmental friendly products and technology to meet latest industrial challenges.

We Hejia Chemical Products is strived to providing excellent service, good quality products and full spectrum of products to the industry we serve.

Tell us more

我公司深耕聚氨酯行业二十余年,秉承绿色环保的企业理念,为了给客户提供更多的产品选择和解决方案,近年来我司开拓了烷基糖苷绿色表活和环保溶剂产品线。

我公司致力于为您提供更好的技术,更环保的产品来满足您的需求。

硬质泡沫添加剂 Additives for rigid foam applications

牌号 Brand	家电 Appliance	板材 Panel	喷涂 Spray	大块泡 Bunstock	管道 Pipeline	仿木 Artificial wood
脲催化剂 Amine Catalyst Trademark: Hegrecat						
BA100	x	x	x	x	x	x
BA101	x	x	x	x	x	x
BDMA	x	x	x	x	x	x
DMDEE			x			
DMEA		x	x	x	x	x
DMCHA	x	x	x	x	x	x
PMDETA	x	x	x	x	x	x
LA141	x	x	x	x	x	x
LA130			x	x	x	x
LA131	x	x	x	x	x	x
LA132	x		x	x	x	x
LA105		x	x	x	x	x
LA107		x	x	x	x	x
LA160	x	x	x	x	x	x
LA170		x	x	x	x	x
LA110		x	x	x	x	x
LA150		x	x	x	x	x
TA275			x			
TA550			x			
TM322			x			
TM273			x			
TA2070	x	x	x	x	x	x
TA2071	x	x	x	x	x	x
TA2072	x	x	x	x	x	x
SP1001			x			
SF001			x			
AP515	x					
BE2302			x			
GS-4000			x			
金属催化剂 Metal Catalyst Trademark: Hegrecat						
KAC			x	x		x
MC115			x	x		x
MC115LV			x	x		x
MC145			x	x		x
PR100	x	x	x	x	x	x
阻燃剂 Flame Retardant Trademark: Hegrein						
TCPP	x	x	x	x	x	x
TCEP	x	x	x	x	x	x
TEP	x	x	x	x	x	x

Properties	产品性能
脲催化剂 Amine Catalyst Trademark: Hegrecat	
100% BDMAEE	100%双二甲氨基乙基醚
70% BDMAEE in DPG	70% BDMAEE 和DPG复配
For curing and reduce friability	用于固化, 降低易碎性
For 1-k or OCF	适用于单组份泡沫
Weak blowing catalyst	弱发泡型催化剂
Standard gel catalyst	标准凝胶型催化剂
Standard blow catalyst	标准发泡型催化剂
Triazine, improve cure	三聚催化剂, 提供固化性能
DMP-30, weak trimer	2, 4, 6-三(二甲氨基甲基)苯酚, 较弱的三聚催化剂
Balanced, low odor catalyst	平衡型, 低气味催化剂
Standard trimer catalyst	标准的三聚催化剂
Bis-DMAPA, Reactive Surface cure	双-(二甲氨基丙基)甲胺, 反应型催化剂 表面固化
To improve surface cure	改善表面固化
DMAEE, Reactive catalyst	二甲氨基乙氧基乙醇, 反应型催化剂
Reactive blow catalyst	反应型发泡催化剂
Reactive catalyst	反应型催化剂
Reactive, use together with TA550	反应型催化剂, 与TA550一起使用
Reactive, +TA275 for LD spray foam	反应型催化剂, 与TA275一起用于低密度喷涂泡沫
Good stability in HFO	在发泡剂HFO系统中稳定
Good stability in HFO	在发泡剂HFO系统中稳定
Low odor, surface cure and adhesion	低气味催化剂, 改善表面固化和粘接力
Good rise profile and surface cure	良好的上升曲线和表面固化
Reduced odor for spray	降低气味
Reduced demold time	减少脱模时间
Reduce vapor pressure of the LBA	降低LBA体系的蒸气压力
Emulsifier for high water	适用于高水喷涂配方的乳化剂
金属催化剂 Metal Catalyst Trademark: Hegrecat	
25% Potassium acetate in MEG	25%醋酸钾, 75%乙二醇
75% Potassium octoate in DEG	75% 异辛酸钾, 25% 乙二醇
Low viscosity version of 75% potassium octoate solution	75% 异辛酸钾溶液的低粘度版本
38% Potassium acetate in MEG	38% 醋酸钾, 62% 乙二醇
Bismuth based, strong gel	具有较强凝胶性能的铋基催化剂
阻燃剂 Flame Retardant Trademark: Hegrein	
Tris(1-chloro-2-propyl) phosphate	磷酸三(1-氯-2-丙基)
Tris(2-chloroethyl) phosphate	磷酸三(2-氯乙基)酯
Triethyl phosphate	磷酸三乙酯

牌号 Brand	家电/天然气 Appliance/LNG insulation	板材 Panel	喷涂 Spray	大块泡 Bunstock	现场浇筑 Pour in place	单组份/包装 One component foam / Package
有机硅表面活性剂 Silicone Surfactant						
Trademark: Hisilicone						
R1001		X	X	X	X	
R1003	X					
R1004		X	X	X	X	
R1005		X	X	X	X	
R1007	X	X	X	X	X	X
R1070			X			X
R1443			X			
R2003	X	X	X	X	X	X
R2006	X					
R2009	X	X	X			
R2011	X					
R2012	X	X	X	X	X	
R2016	X	X	X	X	X	
R2026	X	X		X	X	
R2030	X	X	X	X	X	
R2060	X	X	X	X	X	
R3001						
R3003	X	X	X	X	X	
R3004	X	X	X	X	X	
R3005	X	X	X	X	X	
R3009	X		X	X		
R3010		X		X		
R3038		X				X
R30380			X	X		



牌号 Brand	Properties	产品性能
有机硅表面活性剂 Silicone Surfactant		
Trademark: Hisilicone		
R1001	General purpose	通用型硅油
R1003	Excellent cell structure & insulation property	出色的泡孔结构和绝缘性能
R1004	Excellent cell structure	出色的泡沫结构
R1005	Good flow and skin property	良好的流动性和表皮
R1007	General purpose	通用型硅油
R1070	Minimize shrinkage	减少泡沫的收缩
R1443	Good surface and adhesion	良好的表面和粘结性
R2003	141b general applications	适用于发泡剂141b体系的硅油
R2006	Excellent cell structure & insulation property	出色的泡孔结构和绝缘性能
R2009	Excellent cell structure & insulation property	出色的泡孔结构和绝缘性能
R2011	Excellent cell structure & insulation property	出色的泡孔结构和绝缘性能
R2012	Good stabilization and emulsification for water and HFO	良好的稳定性和乳化性, 适用于全水和HFO系统
R2016	Good emulsification and compatibility	良好的乳化和相容性
R2026	Hydrobrobic nature. Good flow and nucleation	良好的流动性和成核性
R2030	Fine cell structure, flow with excellent insulation	良好的泡孔结构和流动性, 优异的绝缘性能
R2060	Fine cell structure, flowability for HFO system	良好的泡孔结构和流动性, 适用于发泡剂HFO系统
R3001	Good emulsification and compatibility	良好的乳化和相容性
R3003	Fine cell structure and flow	良好的泡孔结构和流动性
R3004	Fine cell structure, flow with excellent insulation	良好的泡孔结构, 流动性和绝缘性能
R3005	Excellent insulation property, low K value	出色的绝缘性能, 低导热系数
R3009	Good stabilizaiton and emulsification	良好的稳定性和乳化性
R3010	Fine cell structure, flow and good skin	良好的泡孔结构, 流动性和表皮
R3038	Headline semi-rigid foams with open cell	主要用于半硬泡汽车顶棚, 开口性能好
R30380	Improved strength and smooth surface	改善强度和表皮

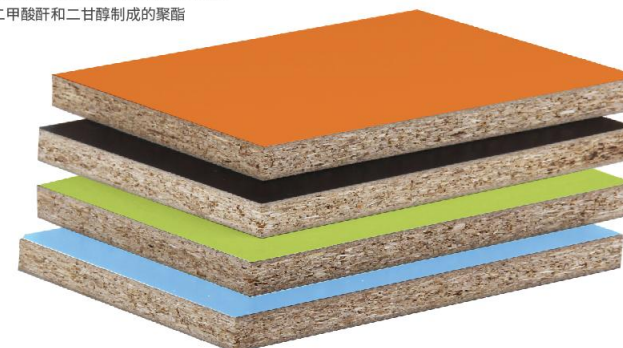


牌号 Brand	羟值 OH value (mg KOH/gm)	粘度 Viscosity (cPS, 25°C)	酸值 Acid value (mg KOH/gm)	水份 Water (%)
聚酯多元醇 Polyester Polyol Trademark: Pelsol				
Pelsol 1102	112±5	2000-3000	≤0.5	≤0.1
Pelsol 0602	60±5	4000-6000	≤1.0	≤0.1
Pelsol 1552	152±5	40000-56000	≤2.0	≤0.1
Pelsol 1602	160±10	2700-3300	≤1.0	≤0.1
Pelsol 1602HA	160±10	2700-3300	≤2.0	≤0.1
Pelsol 1702	175±10	7000-10000	≤1.0	≤0.1
Pelsol 2402N	240±5	8000-10000	≤1.0	≤0.1
Pelsol 2402	240±5	2500-3500	≤2.0	≤0.1
Pelsol 2402HA	240±5	7000-9000	≤2.0	≤0.1
Pelsol 3202	305±5	2500-3800	≤1.0	≤0.1
Pelsol 3202HA	300±5	2500-3800	≤4.0	≤0.1
Pelsol 1902	190±5	38000-48000	≤3.0	≤0.1
Pelsol 1803	180±5	50000-70000	≤2.0	≤0.1
Pelsol 1852	185±5	11000-12500	≤2.0	≤0.1
Pelsol 2752	275±5	15000-23000	≤1.0	≤0.1
Pelsol 3752	375±5	1200-2000	≤2.0	≤0.1
Pelsol 2502	250±5	6000-8000	≤2.0	≤0.1
Pelsol 2703	276±5	13000-18000	≤2.0	≤0.1
Pelsol 2302	258±5	2500-3500	≤2.0	≤0.1
Pelsol 2302S	260±5	2500-3500	≤1.0	≤0.1
Pelsol 2802	280±10	6500-10000	≤2.0	≤0.1
Pelsol 3003	300±10	2500-3500	≤2.0	≤0.1
Pelsol 2803	280±10	18000-25000	≤1.0	≤0.1
Pelsol 2353	235±10	10000-16000	≤1.0	≤0.1
Pelsol 3153	310 ± 10	5000-9000	≤ 2.0	≤ 0.1

牌号 Brand	连续线PUR板材 Continuous PUR panel	非连续线PUR板材 Discontinuous PUR panel	PIR板材 PIR panel	喷涂 Spray foam	现场浇筑 Pour in place	管道 Pipeline	胶黏剂 Adhesive	CASE体系 CASE / TPU
聚酯多元醇 Polyester Polyol Trademark: Pelsol								
Pelsol 1102							x	x
Pelsol 0602							x	x
Pelsol 1552	x	x	x		x	x		
Pelsol 1602	x	x	x	x	x	x	x	x
Pelsol 1602HA		x	x		x	x	x	x
Pelsol 1702	x	x	x		x	x		
Pelsol 2402N	x	x	x	x	x	x		
Pelsol 2402	x	x	x	x	x	x		
Pelsol 2402HA	x	x	x	x	x	x		
Pelsol 3202	x	x	x	x	x	x		
Pelsol 3202HA		x	x	x	x	x		
Pelsol 1902		x	x	x	x	x		
Pelsol 1803		x	x	x	x	x		
Pelsol 1852	x	x	x	x	x	x		
Pelsol 2752		x	x		x	x		
Pelsol 3752	x	x	x	x	x	x		
Pelsol 2502	x	x	x	x	x	x		
Pelsol 2703	x	x		x	x	x		
Pelsol 2302	x	x	x	x				
Pelsol 2302S	x	x	x	x				
Pelsol 2802	x	x	x	x				
Pelsol 3003	x	x	x	x				
Pelsol 2803	x	x	x	x				
Pelsol 2353	x	x	x	x				
Pelsol 3153	x	x	x					

* Polyester made from pure PA and DEG

* 邻苯二甲酸酐和乙二醇制成的聚酯



软质大块泡沫添加剂 Additives for flexible slabstock applications

牌号 Brand	通用聚酯体系 Conventional polyether	高回弹 HR foam	慢回弹 Viscoelastic (VE) foam	火焰贴合 Flame lamination	超低密度 Ultra low density	聚酯体系 Polyester
胺催化剂 Amine Catalyst Trademark: Hegrecat						
TEDA	x	x	x	x	x	x
TA101	x	x	x	x	x	x
TA101X	x	x	x	x	x	x
TA106	x					
TA113	x				x	
TA114	x				x	
BA100						
BA101	x	x	x	x	x	x
BA107	x	x	x	x	x	x
BA113	x	x	x	x	x	x
DMEA		x	x	x	x	x
LA200	x	x				
TA2070		x	x	x	x	x
DA3300	x	x	x	x	x	x
DA3301	x	x	x	x	x	x
DA300	x	x	x	x	x	x
金属催化剂 Metal Catalyst Trademark: Hegrecat						
MC109	x					
MC112		x				
有机硅表面活性剂 Silicone Surfactant						
		Ultra Low	Low	Med	High	
F1001	x	++	+++	++		
F1002	x			++	++	
F1003	x	++	+++	++		
F1004	x	+++	++			
F1005	x			++	++	
F1006	x		++	++		
F1008	x			++	++	
F2001	x	++	++	++		
F2008	x		++	++		
F1021	x		++	++		
阻燃剂 Flame Retardant Trademark: Hegrein						
TEP	x	x	x	x	x	x
FR102	x	x	x	x	x	x
特殊添加剂 Special Additive Trademark: Hegread						
TA122	x	x	x	x	x	x
G2100	x	x	x	x	x	x
FL120	x	x	x	x	x	x
HD600	x	x	x	x	x	x
Anti-yellow	x	x	x	x	x	x
FL190	x			x		x
EM1340	x					x

Properties	产品性能
胺催化剂 Amine Catalyst Trademark: Hegrecat	
TEDA	三乙烯二胺
33% TEDA in DPG	33% 三乙烯二胺和67%二丙二醇
33% TEDA with reduced emission	使用反应型溶剂的液态三乙烯二胺
Wide processing latitude	宽泛的加工范围和良好的手感
High MC formulation	适用于高MC配方, 良好发泡性能
Good blow & with hardening effect	良好的发泡性能, 具有硬化效果
BDMAEE. Standard blow catalyst	100% BDMAEE, 标准的发泡型催化剂
70% BDMAEE in DPG	70% BDMAEE和DPG复配, 发泡型催化剂
Delayed, longer cream time	延迟的BDMAEE, 提供较长的乳白时间
23% BDMAEE in DPG	23%的BDMAEE和DPG复配
Weak amine catalyst	二甲基乙醇胺, 弱胺催化剂
Non emissive. Good gel and flow	非排放型, 良好的凝胶和流动性
Low odor for surface cure and adhesion	低气味催化剂, 有利于表面固化和与基材的粘合
Non emissive, lower activity than LA200	非排放型, 泡沫气味降低, 活性低于LA200
Non emissive, lower activity than LA200	非排放型, 泡沫气味降低, 活性低于LA200
Non emissive, reactive gel catalyst	非排放型, 反应型凝胶催化剂, 泡沫气味降低
金属催化剂 Metal Catalyst Trademark: Hegrecat	
Stannous octoate. Standard metal catalyst	辛酸亚锡, 标准的金属催化剂
Dibutyltin dilaurate(DBTDL). Standard metal catalyst	二月桂酸二丁基锡, 标准的金属催化剂
有机硅表面活性剂 Silicone Surfactant Trademark: Hisilicone	
For D = 8 - 45	适用于8 - 45密度范围
For D = 18 - 45	适用于18 - 45密度范围
For D = 8 - 45	适用于8 - 45密度范围
For D = 5 - 15	适用于5 - 15密度范围
FR & Conventional foam. Medium efficiency	适用于阻燃型和常规泡棉, 中等活性
FR & Conventional foam. High efficiency	适用于阻燃型和常规泡棉, 高活性
Med to high density, wide processing latitude	中到高密度, 极高的宽容度
Med to high density	中到高密度
Low to medium density	低到中密度
Low to medium density	低到中密度
阻燃剂 Flame Retardant Trademark: Hegrein	
Triethyl phosphate	磷酸三乙酯
Low VOC version of TCP	低气味的TCP
特殊添加剂 Special Additive Trademark: Hegread	
Improve elongation. Solve foam split at side	提高伸长率, 解决了泡沫侧裂问题
Softening agent	泡沫柔软剂
Additive for flame lamination	火焰复合剂
Hardener for slab foam	增硬剂
Prevent degradation and prevent yellowing	防止泡沫降解, 减少泡沫中心发黄
Additive for flame lamination	火焰复合剂
Emulsifier for melamine filled foam	三聚氰胺泡沫乳化剂

软质模塑添加剂 Additives for flexible molded applications



牌号 Brand	发泡 Blow	平衡性 Balance	凝胶 Gel	延迟作用 Delayed action	低气味 Low odor	提高表皮熟化 Improved surface cure	缩短脱模时间 Reduce demoulding time
胺催化剂 Amine Catalyst Trademark: Hegrecat							
TA101			x				
TA101X			x				
TA110			x	x			
TA111		x		x			
TA112		x		x			
BA101	x			x			
BA103			x	x			
BA104	x			x			
BA107	x			x			
DMEA		x	x	x	x	x	x
LA105		x			x	x	
LA107					x	x	
LA200			x	x	x	x	
LA170		x	x	x	x	x	x
TA2070		x				x	x
TA3070		x				x	x
TA3060		x				x	x
有机硅表面活性剂 Silicone Surfactant				TDI	T/M	MDI	Trademark: Hisilicone
M1085					x	x	
M1081				x	x		

牌号 Brand	提高硬度 Improved hardness	提高流动性 Improved flowability	Properties	产品性能
胺催化剂 Amine Catalyst Trademark: Hegrecat				
TA101			33% TEDA in DPG	33% 三乙二胺和67%二丙二醇
TA101X			33% TEDA. Reduced VOC	使用反应型溶剂的液态三乙二胺
TA110	x		Delay cream and improve flow	降低乳白时间和改善流动性
TA111	x		Delay cream and improve flow	降低乳白时间和改善流动性
TA112	x		Delay cream and improve flow	降低乳白时间和改善流动性
BA101	x		70% BDMAEE in DPG	70% BDMAEE和DPG复配
BA103	x		Acid blocked gel catalyst	有机酸封端凝胶催化剂
BA104	x		Acid blocked blow catalyst	有机酸封端发泡催化剂
BA107		x	Delayed blow catalyst	延迟的发泡型催化剂
DMEA	x	x	Weak amine catalyst	弱胺催化剂
LA105			Reactive balanced catalyst	反应型, 平衡催化剂
LA107			Balanced, excellent surface curing	平衡型催化剂, 出色的表面固化性能
LA200		x	Non emissive. Good gel and flow	非排放型, 良好的凝胶性能和流动性
LA170	x	x	DMAEE. Non emissive	二甲氨基乙氧基乙醇, 非排放型催化剂
TA2070			Low odor for surface cure & adhesion	低气味催化剂, 有利于表面固化和粘接力
TA3070			Improve surface cure	改善表面固化
TA3060			Improve surface cure	改善表面固化
有机硅表面活性剂 Silicone Surfactant Trademark: Hisilicone				
M1085			Good balance of cell regulating	泡孔结构控制比较好
M1081			Good balance of cell regulating	泡孔结构控制比较好

鞋底原液用添加剂 Additives for shoe sole applications



牌号 Brand	发泡 Blow	平衡性 Balance	凝胶 Gel	延迟作用 Delayed action	提高泡沫流动性 Improved flowability	低气味 Low odor	缩短脱模时间 Reduce demoulding time
胺催化剂 Amine Catalyst Trademark: Hegrecat							
TA102			x				
TA103			x				
TA104			x				
TA107		x		x			
TA108		x		x			
TA110			x				
LA141		x					x
LA107		x					x
TA2070		x				x	x
TA2071		x				x	x
TA1071			x				x
TA1072		x			x		
TA1073	x						x
有机硅表面活性剂 Silicone Surfactant Trademark: Hisilicone							
S1001							

牌号 Brand	Properties	产品性能
胺催化剂 Amine Catalyst Trademark: Hegrecat		
TA102	33% TEDA in EG	33% 三乙二胺和67%乙二醇
TA103	33% TEDA in 1,4 BDO	33% 三乙二胺和67% 1,4丁二醇
TA104	25% TEDA in 1,4 BDO	25% 三乙二胺和75% 1,4丁二醇
TA107	Reduced demold time for MEG system	乙二醇系统中减少脱模时间
TA108	Reduced demold time for BDO system	1,4丁二醇系统中减少脱模时间
TA110	Delay cream and improve flowability	改善乳白时间和流动性
LA141	Providing good flow and cure	提供良好的流动性和固化
LA107	Balanced, excellent surface curing	平衡型催化剂, 出色的表面固化性能
TA2070	Low odor for surface cure & adhesion	低气味催化剂, 有利于表面固化和粘结性
TA2071	Low odor for surface cure & adhesion	低气味催化剂, 有利于表面固化和粘结性
TA1071	Reduced demold time	缩短脱模时间
TA1072	Improved flow for low density shoe sole	在低密度鞋材系统中, 改善流动性
TA1073	For surface skin improvement and cure	改善表皮和固化性能
有机硅表面活性剂 Silicone Surfactant Trademark: Hisilicone		
S1001	Conventional product for med to high density	常规产品, 适用于中到高密度