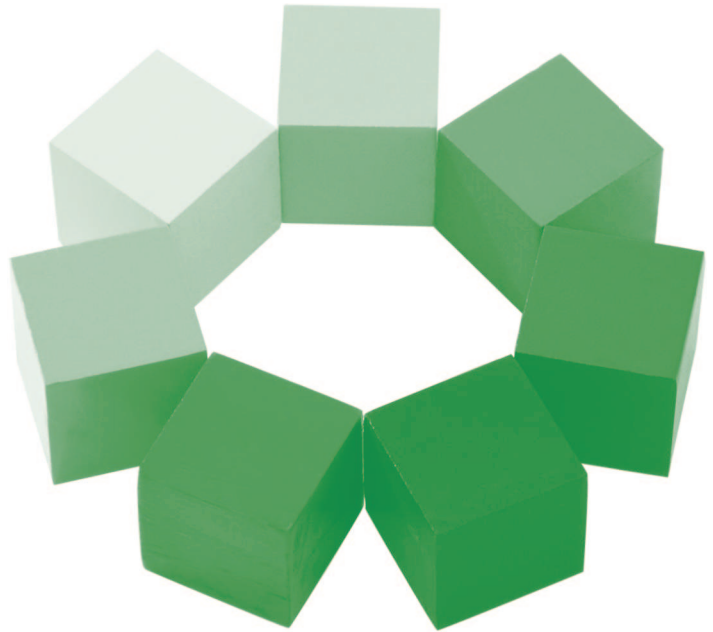

Plastics Additives



Plastics Additives

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Chang Chiang Chemical Co., Ltd. (CCC) is a sales company specializing in plastic additives. It was setup in 1989 as a joint venture between ADEKA Corporation of Japan and Chang Chun Plastics Co., Ltd (Chang Chun Group of Taiwan). Chang Chiang Chemical serves as the exclusives sale representative for plastic additive manufactured by both Chang Chun Group and ADEKA. In 2004, a branch office was established in Shanghai, China to enhance product promotion in the Chinese market.



As one of Chang Chiang Chemical's parent companies, ADEKA is a worldwide renowned plastic additive manufacturer. ADEKA manufactures and offers a variety of high performance additives, including special antioxidant, nuclear agent, UV absorber, light stabilizer, flame retardant, metal deactivator, special plasticizer, and PVC stabilizer, etc. to the world.

Chang Chun Group, as the other parent company, is a global leader in the production of commodity chemicals and specialty chemicals that are widely used in major industries. Chang Chun has facilities in Taiwan, China, Singapore, Malaysia, and Indonesia. It is well known for its strength in R&D, expertise operation/technology, and its relentless pursuit of excellence. Chang Chun produces plastic additive at its state-of-the-art and fully automated facilities in Miaoli, Taiwan and ChangSu, China, with manufacturing technology licensed from ADEKA.

Supported by two reputable parent companies in Asia, Chang Chiang Chemical is staffed with professional technical/sales personnel, and it is poised to provide the best technical service and high quality products to its customers.



CP CIZER Trade Name	Composition	Properties	Features	Application	Packaging
B-22 * B-22D	Epoxidized soyabean oil	M.W.ab1,000 APHA ab160 Vis.ab350cps Flash point:293°C Oxrane O ₂ :6.6%	Low volatility Excellent heat resistance Very little migration Approved by FDA and JHPA	Various films and sheets for Agricultural use Food packing Cable, Gasket, Hose, Tube, Paint Stabilized for organic halogen such as neoprene etc.	200kg iron/PE Drum

ADK CIZER Trade Name	Composition	Properties	Features	Application	Packaging
O-130 * O-130S	Epoxidized soyabean oil	M.W.ab1,000 APHA ab160 Vis.ab350cps Flash point:293°C Oxrane O ₂ :6.6%	Low volatility Excellent heat resistance Very little migration Approved by FDA and JHPA	Various films and sheets for Agricultural use Food packing Cable, Gasket, Hose, Tube, Paint Stabilized for organic halogen such as neoprene etc.	200kg iron/PE Drum

* Low odor type

V Phosphorus Flame Retardant

ADK STAB Trade Name	Composition	Properties	Features	Application	Packaging
FP-600	Bisphenol A Di Phenyl Phosphate	APHA : about 30 A.V. : about 0.01 S.G. : about 1.259 Vis.70oC 100~ 250cps Moisture : about 150ppm	<ul style="list-style-type: none"> High performance of flame resistance High transparency Low volatility No halogen and heavy metals. 	<ul style="list-style-type: none"> PC/ABS 、PC/HIPS Enineering Plastics PC 、PPO 、PBT PVC Plasticizer adding 	220 kg in Iron Drum ISO-TANK

CCP STAB Trade Name	Composition	Properties	Features	Application	Packaging
TPP	Triphenyl Phosphate	APHA : about 10 A.V. : about 0.01 Phenol : about 150ppm Moisture : about 250ppm M.P. : 48-50°C White flake solid	<ul style="list-style-type: none"> High performance of flame resistance No halogen and heavy metals. 	<ul style="list-style-type: none"> PC/ABS Alloy Phenolic/Epoxy resin Synthetic rubber 	20 kg in paper bag 500 kg in PP bag
FR-35B	Phosphorus Flame Retardant	APHA : about 70 A.V. : about 0.01 S.G. : about 1.235 Vis. : about 280 Moisture : about 100ppm	<ul style="list-style-type: none"> High performance of flame resistance High transparency Low volatility No halogen and heavy metals. 	<ul style="list-style-type: none"> PVC transparent sheet PVC electric wire PU/Polyester Synthetic rubber 	220 kg in Iron Drum

Plasticizers Selection Guide

Grade	Characteristics							Applications								
	Low temperature property	Low volatility	Heat aging stability	Weathering resistance	Oil resistance	Non migration		Anti-Migration electric wires	Anti-Migration Leather/leather	Gasket	Boots	Tape	Hose/Tube	Sealant	Gloves	Paints/Adhesives
						ABS	PS									
PN-1030		○	○	○		●	●	●	●	○	○	○				
PN-850 PN-860	○	●	●		●		●	●	●	●	●	○	○	●	○	
PN-150T	●										○	○	●		○	
PN-310T	○	●	●		●		●	○	○	○	●					
PN-650T	○	●	●		●		●	●	●	●	●	○	○	●	○	
D-810												○	●	○	●	
D-820 D-822	○											○	○	●	●	
D-821														●	●	
D-825										○		○	○		●	
D-827										○	○			●	●	
D-828										○	○			●	●	
D-1050		●	○	○		●	●	●	●	●						
D-1180		●	○	○	●	●	●	●	●	●						
D-1200		●	●		●	○	●	●	●	●	●	○		●	○	
D-320		○	●						●		○			○		
D-190	●		○									●	●			
D-800	●							○				●			○	
D-808	●							○				●			○	
RS-107	●									○	○			○	○	

● Most popular ○ Suitable

Flame Retardants Selection Guide

Grade	Polyolefins					Engineering Plastics				Others			
	PP	HDPE	LLDPE	LDPE	Others	PBT	PC	PPO	PA	PU	PVC	CR	NBR
FR-35B										○	●	○	○
FP-2100J	●	●	●	●	●								
FP-2200	●	●	●	●	●								
FP-2400	●	○	○	○	○								
FP-600						○	●	●	●				

● Most popular ○ Suitable



Service Network



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