

JAYAMGROUP



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Jayam Chemicals LLP

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Jayam Industries

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JAYAM
CHEMICALS LLP



Manufacturer of Specialty Chemicals



About Jayam Chemicals LLP

JAYAM CHEMICALS LLP is a technology-driven manufacturing organization built on the strong integration of chemistry, engineering, and process excellence. We specialize in the development and production of high-performance specialty chemicals and additives serving industries including Rubber, Plastics, Leather, Inks, Pigments, Paints, and allied sectors. With strong technical expertise and engineering competence, we are committed to delivering dependable, application-oriented solutions that create long-term value for our customers. We actively address performance enhancement challenges, product customization requirements, process optimization needs, cost-efficiency improvements, and industry-specific formulation demands. Through deep technical expertise and application understanding, we provide practical, innovative, and technically superior chemical solutions precisely tailored to customer requirements.

Technology | Innovation | Quality | Reliability

Manufacturing Excellence

Our advanced production infrastructure is supported by modern equipment, controlled processes, and stringent quality systems. The facility is designed to ensure consistency, scalability, and operational efficiency. We efficiently supply both small and bulk quantities with reliable lead times while maintaining strict process control and product uniformity.

Research & Development Strength

At **Jayam Chemicals LLP**, our in-house R&D laboratory with advanced testing and analytical capabilities drives innovation and quality excellence. Our expert team focuses on product innovation, custom formulations, performance enhancement, and continuous improvement ensuring reliable, compliant, and cost-effective solutions for evolving industry needs.

Our Commitment To Quality

We follow robust quality assurance protocols and integrated management systems to ensure compliance with industry standards and customer specifications at every stage from raw material selection to final product dispatch. Ethical business practices, process transparency, and customer satisfaction remain the foundation of our operations.



We Are Fully Compliant And Hold The Following Certifications



CATEGORY	PRODUCT	DESCRIPTION		KEY BENEFITS			
Predispersed Masterbatches Range	JC EPMix S-80	Predispersed sulfur masterbatch		Uniform sulfur dispersion	Reliable curing performance	Reduced mixing time	Cleaner processing
	JC EPMix MgO-70	Predispersed magnesium oxide masterbatch		Effective scorch retardant	Acts as acid scavenger	Functions as curing agent	Heat stabilizer for halogenated polymers
	JC EPMix TiO ₂ -80	Predispersed titanium dioxide masterbatch		Bright white coloration	High opacity	Improved UV and weather resistance	Enhanced surface finish
	JC EPMix PM 85 Plus	Nitrosamine-free predispersed accelerator blend		Replaces multiple accelerators	Consistent curing performance	Simplified formulations	Improved cost efficiency
	JC EPMix ActiveTS ZnO-75	Predispersed zinc oxide curing activator		Dust-free handling	Improved activator dispersion	Faster curing activation	Cleaner processing
	JC EPMix WhiteSeal ZnO-80	Predispersed zinc oxide curing activator		Dust-free handling	Improved activator dispersion	Faster curing activation	Cleaner processing
	JC EPMix CBS-80	Predispersed CBS accelerator masterbatch		Faster mixing	Improved dispersion	Dust-free handling	Reduced compound variation
	JC EPMix CaO-80	Predispersed calcium oxide moisture absorber		Efficient moisture control	Prevents porosity	Improves curing consistency	Reduces processing defects
	JC EPMix TMTD-80	Predispersed TMTD accelerator masterbatch		Faster dispersion	Dust-free handling	Consistent cure performance	Reduced formulation variation
	JC EPMix PM-85	Predispersed accelerator masterbatch		Replaces multiple accelerators	Consistent vulcanization	Reduced mixing variation	Improved processing efficiency
	JC EVAMix SI-50	Predispersed accelerator masterbatch		Improved dispersion	Faster mixing	Reduced dust formation	Consistent curing performance
	JC EPMix TBBS-80	Predispersed TBBS accelerator masterbatch		Improved dispersion	Faster mixing	Dust-free handling	Consistent cure performance
	JC EPMix UM-80	Predispersed accelerator masterbatch		Improved dispersion	Faster mixing	Dust-free handling	Consistent cure performance
	JC EPMix MBTS-75	Predispersed MBTS accelerator masterbatch		Improved dispersion	Faster mixing	Dust-free handling	Consistent curing behavior
	JC EPMix ZDBC-80	Predispersed ZDBC accelerator masterbatch		Improved dispersion	Faster mixing	Dust-free handling	Consistent curing behavior
	JC EPMix ZDEC-80	Predispersed ZDEC accelerator masterbatch		Improved dispersion	Faster mixing	Dust-free handling	Consistent cure performance
	JC EPMix PbO-90	Predispersed PbO masterbatch		Activator for Sulfur	Water resistant	Heavy Filler	Heat Resistant

CATEGORY	PRODUCT	DESCRIPTION	KEY BENEFITS			
Desiccant / Moisture Absorber	JC CaO GR-90	Coated calcium oxide granules	Rapid moisture absorption	Dust-free processing	Improved surface finish	Reduced porosity defects
	JC CaO T	Surface-treated calcium oxide moisture absorber	Excellent moisture absorption	Prevents blistering in rubber compounds	Improves processing consistency	suitable for extrusion & molding
	JC CaO-TL	High-efficiency calcium oxide moisture scavenger	Prevents porosity	Improves ethane dispersion	Enhances compound shelf life	Reliable moisture control
	JC CaO T-180	Surface-treated calcium oxide moisture absorber	Prevents moisture defects	Improves curing stability	Enhances compound quality	Better storage stability
	JC CaO SF	High-purity calcium oxide absorber	Efficient moisture control	Prevents porosity	Improves curing consistency	Enhances compound quality
Vulcanizers	Jaysulf-98	Precision-treated sulfur	Prevents sulfur agglomeration	Improved dispersion	Enhanced flex fatigue resistance	Better durability
	Jaysulf-96	Surface-treated sulfur	Improved sulfur distribution	Enhanced compound performance	Increased durability	Consistent curing
	Jaysulf-54	Oil Coated Micronized sulfur	High sulfur purity	Uniform particle size	Easy dispersion	Suitable for natural & synthetic rubber
Accelerator	JC PowerMix	Synergistic accelerator blend	Replaces multiple accelerators	Consistent cure performance	Simplified formulations	Cost-efficient compounding
	JC PowerMix Plus	Nitrosamine-free accelerator blend	Safer curing system	Reduced bloom formation	Consistent vulcanization	Improved processing safety
	JC Ultra Mix	Synergistic accelerator	Accelerates curing rate	Improves crosslink density	Reduces cure time	Consistent compound performance
	JC Cure ZBP	Nitrosamine-free secondary accelerator	Improved heat aging resistance	Non-blooming	Anti-reversion properties	Cleaner finished products

OUR PRODUCTS



CATEGORY	PRODUCT	DESCRIPTION	KEY BENEFITS			
Functional Fillers	JC Ultrafill-500	Functional filler	Improves mechanical strength	Enhances processing efficiency	Improves filler dispersion	Higher filler loading
	JC Gloss-9	Tio2 partial replacement	Improves brightness	Enhances durability	Abrasion resistance	Enhances surface finish
Specialty Additives	JC LUB PA-45	Processing promoter for synthetic rubber	Improves compound flow	Enhances ingredient dispersion	Mold release effect	Improves processing efficiency
	JC LUB PE-72	Processing aid	Improves compound flow	Enhances additive dispersion	Reduces sticking	Improves mold release
	JC Tak PP	Tackifier and plasticizer	Improves compound tack	Adhesion to textiles	Bonding to metal cords	Ideal for belts & hoses
	JC LUB PE-09	Polyethylene wax lubricant	Improves compound tack	Enhances filler dispersion	Reduces friction	Improves surface finish
	JC LUB PE-09-P	Polyethylene wax lubricant	Improves compound tack	Enhances filler dispersion	Reduces friction	Improves surface finish
Flame Retardant	JC Mg (OH)2	Flame Retardant	Smoke Suppresant	Thermal stablity	Acid scavanger	Flame retarndant
	JC Mg (OH)2 MDH	Flame Retardant	Smoke Suppresant	Thermal stablity	Acid scavanger	Flame retarndant
Petroleum Resin	JC HP-110	C9 aromatic petroleum resin	Improves compound tack	Enhances processing	Improves filler compatibility	Consistent mixing behavior
Activator for FKM	JC EG-81	Calcium hydroxide curing activator	Improved crosslinking efficiency	Enhanced thermal stability	Optimized compression set	High-temperature performance
Acid Scavengers	JC Mag	Magnesium oxide acid scavenger	Neutralizes acidic by-products	Improves heat stability	Acts as scorch retardant	Stabilizes curing system
Silane Coupling Agent	JC Sica-69	Silane coupling agent	Improves silica–rubber bonding	Enhances filler dispersion	Improves tensile strength	Improves abrasion resistance