

# ALPHA RESINS™









Binder Systems

## High-Performance Resin Technology

We have a comprehensive line of resins in our product portfolio to meet the specific requirements of our customers. Covia's technical center of excellence offers customized solutions for your molding, core-making and casting operations. Our high-performance resin systems include no-bake, cold-box and shell technologies for unmatched productivity and casting quality.

Our industry experience and technical capabilities allows us to continue assisting our foundry customers today and in the future with innovative resin solutions. Our technical team is readily available to discuss your unique needs and develop a solution to meet your production demands and environmental obligations.

TRUST  
UNMATCHED  
FOUNDRY RESIN  
KNOW-HOW

PRODUCT NAME	PROCESS TYPE	CHEMICAL SYSTEM	SYSTEM DESCRIPTION
 <b>ALPHATHANE NB</b> High-productivity resin system	No-bake	Phenolic Urethane	Modified phenolic resin and polyisocyanate coreactant cured with liquid amine catalyst
 <b>EPSILON-SD</b> Low emission resin system	No-bake	Phenolic Urethane	Modified phenolic resin and polyisocyanate coreactant cured with liquid amine catalyst
 <b>POLYTHANE</b> Resin system with superior shakeout properties	No-bake	Polyol-Urethane	Modified polyol resin and polyisocyanate coreactant with optional liquid catalyst
 <b>FURFASET AND PHENOLEN</b> Resin systems with enhanced casting surface properties	No-bake	Furan Phenolic	Resin cured with acid catalyst
 <b>RAM-SET</b> Low odor resin system	No-bake	Ester-cured Alkaline Phenolic	Water-based phenolic resin with a liquid ester coreactant
 <b>ALPHATHANE CB</b> Resin system with faster cycle time properties	Cold-box	Phenolic Urethane	Modified phenolic resin and polyisocyanate coreactant cured with a gaseous amine catalyst
 <b>RAM-CURE</b> Low odor and smoke resin system that builds strength fast	Cold-box	Ester-cured Alkaline Phenolic	Water-based phenolic resin cured with methyl formate
 <b>ALPHA NOVOLAC</b> Custom-blended resin	Shell	Phenolic Novolac	Pastille shell resin

For more information about our binder systems,  
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