

Elastocast®

Hot and Cold Cast Polyurethane Elastomers

BASF offers custom polyol and polyester Urethane Cast Elastomers with shore hardness range of 30A to 70D with regional manufacturing in Orange, CA, Geismar, LA, Malcom, IA and Livonia, MI. BASF is a trusted partner who offers superior technical service to work with customers of all sizes in product design, process optimization and scale up leading to trouble free processing.

Hotcast

	Benefits	Applications
MDI Polyester Prepolymers		
Elastocast® TT	<ul style="list-style-type: none"> • Chemical Resistance • Abrasion Resistance • Tear Resistance 	<ul style="list-style-type: none"> • Die Cut Blankets • Caster Wheels • Sheet Goods • High Property Elastomers
MDI Polyether Prepolymers		
Elastocast® TIE	<ul style="list-style-type: none"> • High Rebound Products • Hydrolysis resistance 	<ul style="list-style-type: none"> • High Resilience Formulations • Solid Elastomers • Adhesives • Microcellular Integral Skin
Elastocast® TIP		
Elastocast® TIPM		
MDI Polycaprolactone Prepolymers		
Elastocast® TIC	<ul style="list-style-type: none"> • Coatings • Adhesives 	<ul style="list-style-type: none"> • High Quality Printing Machine Rollers • High Property Elastomers
Quazi-Prepolymers		
Elastocast® TQZ	<ul style="list-style-type: none"> • High NCOs High Reactivity 	<ul style="list-style-type: none"> • ISO Side of Variable Durometer Systems • Variable Hardness Systems
Elastocast® TQZ-E		
Elastocast® TQZ-P		

	Benefits	Applications		
TDI Polyester Prepolymers				
Elastocast® TC S	<ul style="list-style-type: none"> • Abrasion Resistance • Chemical Resistance 	<ul style="list-style-type: none"> • Printing Rolls • Industrial Rollers • Forklift Tires • Pallet Wheels • High Property Elastomers • Adhesives • Coatings 		
Elastocast® TD S				
TDI Polyether Prepolymers				
Elastocast® TC E	<ul style="list-style-type: none"> • Membranes • Sealants 	<ul style="list-style-type: none"> • Forklift Tires • Pallet Wheels • High Property Elastomers • Adhesives • Coatings 		
Elastocast® TD E				
Elastocast® TC P				
Aliphatic Prepolymers				
Elastocast® TII	<ul style="list-style-type: none"> • Promotes Hardness with Prepolymer 	<ul style="list-style-type: none"> • Light Stable Parts • Adhesives • Cast Elastomers • Coatings • Sealants • Soft Elastomers • Energy Absorbing Foams • High Hardness 		
Elastocast® TWE				
Elastocast® TIII				
Elastocast® TIWE				
Elastocast® TIWP				
Elastocast® TWP				
Curatives				
Elastocast® "C" Curatives			<ul style="list-style-type: none"> • Promotes Hardness with Prepolymer 	<ul style="list-style-type: none"> • Variable Durometer Systems



Coldcast

	Benefits	Applications
Polyurethane Elastomers		
Elastocast® R3 Series*		<ul style="list-style-type: none"> • Concrete Stamps & Forms • Air & Fuel Filters • Automotive Bushings • Automotive Facia • Tooling • Mold Making
Elastocast® R4 Series*	<ul style="list-style-type: none"> • Easy to Process • Low Processing 	
Elastocast® R5 Series*	<ul style="list-style-type: none"> • Temperature 	
Elastocast® R8 Series*		
Fixed Ratio Series		
Elastocast® R36 AND R74 Series*	<ul style="list-style-type: none"> • Fixed Ratio's • Figurines 	
Elastocast® R 76 Series*	<ul style="list-style-type: none"> • Store Display Items 	
Elastocast® R781 Series*	<ul style="list-style-type: none"> • 50:50 Ratio 	
Elastocast® R 33, R72, R75, R76, R77, R331, R332 AND R333 Series*	<ul style="list-style-type: none"> • Moldings • Easy to Mix • Quick De-molds 	

	Benefits	Applications
Polyurethane / Polyurea Spray Coatings		
Elastocoat® R38 Series*		<ul style="list-style-type: none"> • Truck Bed Liners • Horse Trailers • Farm Equipment • Waterproofing • Secondary Containment • Studio Set Design • Flooring
Elastocoat® R662 Series*	<ul style="list-style-type: none"> • Abrasion Resistance • Toughness 	
Elastocoat® 3100R SERIES*		
Elastocoat® R785 Series*		
Elastocoat® R42 Series		
Elastocoat® RSPY92 Series		
Elastocast R7 Foam Series	<ul style="list-style-type: none"> • Pourable System 	<ul style="list-style-type: none"> • Molded Picture Frames • Moldings • Mannequins • Furniture Parts

Notes

Please contact our technical service department for more help on formulating with products from the Elastocast® and Elastocoat® product lines.

BASF Corporation, Wyandotte, MI

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. When handling these products, advice and information given in the safety data sheet must be complied with. Further, protective and workplace hygiene measures adequate for handling chemicals must be observed. (01/2018)

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