



Elastomer Compounding

PRODUCT SELECTOR GUIDE

SI Group
The Substance Inside

Elastomer Compounding Selector Guide

	SBR					EPDM				Natural Rubber					Polychloroprene						Isobutylene				Natural and Synthetic Latex					Physical Form	FDA Approval	European Food Approval				
	Tires	Molded & Mechanical Goods	Floor Coverings & Mats	Electric Cables	Conveyor Belts	Washing Machine Seals	Roof Coverings	Electric Cables	Car Window & Door Seals	Tires	Bridge Bearings	Engine Mountings	Hoses	Shoe Soles	Toys & Articles for Children	Adhesives	Conveyor Belts	Hoses	Electric Cables	Foamed Insulations	Timing Drives & V-Belts	Bladders	Pharmaceutical Stoppers	Sealants & Adhesives	Tire Liners	Mechanical Goods	Gloves	Mattresses & Pillows	Carpet Back				Adhesives	Elastic Thread		
Aminic Antioxidants (Staining & Discoloring)																																				
AMINOX™				•			•																										PW, FL, PS	✓		
BLE™ 25																																		L,PW	✓	
NAUGARD™ 445	•	•		•	•	•	•	•	•																									PW,GR	✓	
NAUGARD™ PS30																																		L		
OCTAMINE™				•	•	•	•																											PW	✓	
NAUGARD™ Q	•				•																													FL,PS		
Phenolic Antioxidants (Non Staining & Non Discoloring)																																				
LOWINOX™ 22M46	•	•	•		•	•	•							•	•	•																		PW,GR		
LOWINOX™ 22M46-45D																																		L		
LOWINOX™ CPL		•	•		•	•	•							•	•																			PW,PL	✓	
LOWINOX™ CPL-50D																																		L	✓	
NAUGARD™ PS48																•																		L		
NAUGAWHITE™														•	•	•																		L,PW	✓	
Antiozonants																																				
DURAZONE™ 37	•	•		•		◦	◦	◦	◦					•	•	•	•	•	•	•	•	•	•											FL		
FLEXZONE™ 4L	•			•																														L		
NOVAZONE™ AS																																		FL	✓	
SUNPROOF™ Extra	•																																	FL	✓	
SUNPROOF™ Improved	•																																	FL	✓	
SUNPROOF™ Junior FT	•																																	PS	✓	
SUNPROOF™ Super	•																																	FL	✓	

Symbols

• Recommended use ◦ Suggested use

Physical Form

PW : Powder GR : Granular AM : Amorphous PL : Pellet L : Liquid F : Flakes P : Pastilles NDB : Non Dust Blend

Elastomer Compounding Selector Guide

	SBR					EPDM				Natural Rubber					Polychloroprene					Isobutylene					Natural and Synthetic Latex																	
	Tires	Molder & Mechanical Goods	Floor Coverings & Mats	Electric Cables	Conveyor Belts	Washing Machine Seals	Roof Coverings	Electric Cables	Car Window & Door Seals	Tires	Bridge Bearings	Engine Mountings	Hoses	Shoe Soles	Toys & Articles for Children	Adhesives	Conveyor Belts	Hoses	Electric Cables	Framed Insulations	Timing Drives & V-Belts	Bladders	Pharmaceutical Stoppers	Sealants & Adhesives	Tire Liners	Mechanical Goods	Gloves	Mattresses & Pillows	Carpet Back	Adhesives	Elastic Thread	Physical Form	FDA Approval	European Food Approval								
Curing Agents																																										
HEPTEEN™ Base																																										
TRIMENE™ Base																																										
ROYALAC™ 150 liquid							•	•	•	•																																
Retarder ESEN	○	○								○	○	○	○																										PW			✓
Others Additives																																										
Bonding Agent P-1	•									•					•																								PW			
Tackifying Phenolic Resins																																										
SP-1068	•	○	•		•	○	○			○	•	○	•	○												•	•	○										P				
R-7510H	•	○	•		•	○	○			○	•	○	•	○												•	•	○										P				
SC-2066	•	○	•		•	○	○			○	•	○	•	○												•	•	○										P				
SMD-31144	•	○	•		•	○	○			○	•	○	•	○												•	•	○										P				
HRJ-10420	•	○	•		•	○	○			○	•	○	•	○												•	•	○										P				
SP-1077						•	•		•																														P			
ELAZTOBOND™ T5000	•	○	•		•	○	○			○	•	○	•	○												•	•	○										P				
ELAZTOBOND™ T5600	•	○	•		•	○	○			○	•	○	•	○												•	•	○										P				
ELAZTOBOND™ T6000	•	○	•		•	○	○			○	•	○	•	○												•	•	○										P				
Reinforcing Phenolic Resins																																										
SFP-118	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						•										P					
SMD-30207	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						•										P					
SP-6700	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						•										P					
HRJ-11995	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						•										P					
SP-6701	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						•										P					
SP-6600	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						•										PW					
SP-6601	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						•										PW					
RX-6702	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						•										P					

Elastomer Compounding Selector Guide

	SBR					EPDM			Natural Rubber				Polychloroprene					Isobutylene				Natural and Synthetic Latex				Physical Form	FDA Approval	European Food Approval									
	Tires	Molded & Mechanical Goods	Floor Coverings & Mats	Electric Cables	Conveyor Belts	Washing Machine Seals	Roof Coverings	Electric Cables	Car Window & Door Seals	Tires	Bridge Bearings	Engine Mountings	Hoses	Shoe Soles	Toys & Articles for Children	Adhesives	Conveyor Belts	Hoses	Electric Cables	Foamed Insulations	Timing Drives & V-Belts	Bladders	Pharmaceutical Stoppers	Sealants & Adhesives	Tire Liners				Mechanical Goods	Gloves	Mattresses & Pillows	Carpet Back	Adhesives	Elastic Thread			
Curing Phenolic Resins																																					
SP-1044		◦											•									•	•	•	•	•									F		
SP-1045		◦											•									•	•	•	•	•									F		
SP-1045P		◦											•									•	•	•	•	•									P		
HRJ-10518		◦											•									•	•	•	•	•									F		
SP-1055		◦											•									•	•	•	•	•									F		
SP-1056		◦											•									•	•	•	•	•									F		
ELAZTOBOND™ C730		◦											◦									◦	◦	◦	◦	◦									F		
SMD-31214A		◦							•																										L		
Bonding Phenolic Resins																																					
ELAZTOBOND™ A220	•	•								•			•			•	•	•						•		•									F		
ELAZTOBOND™ A250	•	•								•			•			•	•	•						•		•									F		
R-7576HR	•	•								•			•			•	•	•						•		•									P		
SRF-1524																											◦	◦	◦	•	◦				L		

Symbols

• Recommended use ◦ Suggested use

Physical Form

PW : Powder GR : Granular AM : Amorphous PL : Pellet L : Liquid F : Flakes P : Pastilles NDB : Non Dust Blend



www.sigroup.com

SI Group, Inc. North America
Corporate Headquarters
2750 Balltown Road
Schenectady, NY 12301, U.S.A.
Tel: +1 518.347.4200

Brazil – Rio Claro
Tel: +55 19.3535.6700

China – Shanghai
Tel: +86 21.2422.9200

England – Wolverhampton
Tel: +44 1902.790.555

Korea – Seoul
Tel: +82.2.6937.8900

France – Bethune
Tel: +33 3.21.68.67.67

India – Navi Mumbai
Tel: +91 22.6673.2000

Singapore
Tel: +65 6506.2900

South Africa – Johannesburg
Tel: +27 11.389.8200

Switzerland – Pratteln
Tel: +41 61.825.81.11

The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of SI Group, Inc. and its subsidiaries to ensure the accuracy or reliability of the information. Customers should contact SI Group account representatives for current information. It is the responsibility of the user to comply with all applicable laws and regulations and to provide for a safe workplace. The user should consider all information contained herein only as a guide, and should take precautions that the user considers necessary or prudent to promote a safe work environment, such as considering all applicable health and safety hazards, developing safe work practice procedures and properly instructing employees, and reviewing the Safety Data Sheet (SDS) and product label for safety information. Further, nothing contained herein shall be taken as an inducement or recommendation to manufacture or use any of the materials or processes mentioned herein in violation of existing or pending patents.

SI GROUP and the SI GROUP logo are trademarks of SI Group, Inc., registered in the U.S. and other countries.