

		Processing Benefits for Selected Elastomers and CHEMLUBE Products												
		↙ - Provides benefits for most elastomers. (Elastomer IDs on Reverse Side)												
CHEMLUBE®	Composition	Banbury Mixer	Milling & Calendering	Molding: Compression & Injection	Extends Scorch Time	Improves Ingredient Dispersion	Improves Peptizing Effect	Reduces Mill Sticking	Improves Mold Flow & Release	Lowers Injection Pressures	Improves Extrusion	Improves Finish	Improves Continuous Cure	Variable Shear Conditions
Calcium	S Calcium soaps of saturated fatty acids & amide wax	Butyl, EPDM, PC-EPDM				NR, EPDM, NBR <sup>1</sup>			NR, EPDM, NBR <sup>2</sup>					
Esters	821 Mixed fatty acid esters	CPE, CR, NBR	CPE, CR	H-HBR, NBR				H-HBR, NBR			H-HBR, NBR			
	A Blend of fatty alcohols & acid esters w/ lubricants	CPE, CR, PC-EPDM				CPE, CR, PC-EPDM					CPE, CR, PC-EPDM		CPE, CR, PC-EPDM	
	H Emulsion of fatty acid esters & HMW waxes	NBR	NBR, SBR		↙	↙			↙	↙				
Zinc	C Zinc Soaps of unsaturated fatty acids	NR, SBR		SBR		↑	NR							
	L Zinc Soaps of unsaturated fatty acids	NR, SBR		NR		Butyl, EPDM, IR, NBR, NR, SBR	NR		Butyl, EPDM, IR, NBR, NR, SBR					
	T Zinc Soaps of unsaturated fatty acids			NR		↓	NR		← Butyl, EPDM, IR, NBR, NR, SBR →					

1 - Add at beginning of mix cycle. 2 - Add at end of mix cycle

PLEASE NOTE: The purpose of this data is to provide general information and advice. All our statements, formulations and recommendations are offered in good faith but without guarantee. The optimum selection is not an exact science. Most rubber compounds are made of multiple elastomers and the synergies between the accompanying ingredients may alter the processing aid's performance. Likewise, variations in manufacturing processes will have an impact on the encountered processing issues and the processing aid's performance.

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