

CHEMLUBE®		Composition	Typical Properties				Summary Comments for Reference Purpose
		Appearance	Density, g/cc	Softening Point, °F	Softening Point, °C		
Calcium	S	Calcium soaps of saturated fatty acids & amide wax	Beige Flakes	1.0	212	100	Process aid for Butyl, EPDM, SBR and other elastomers. Improves dispersion when added at beginning of mix. Improves release when added at end of mix cycle. Facilitates removal of molded parts.
Esters	821	Mixed fatty acid esters	Off-white Flakes	1.0	149	65	Processing additive for H-NBR, NBR, XNBR and other acrylonitriles. Facilitates processing during calendaring and improves extrusion profiles. Excellent plasticizing properties which increases scorch time. Eliminates mill sticking, improves mold flow and release.
	A	Blend of fatty alcohols and acid esters w/lubricants	Beige Flakes	0.9	208	98	Excellent processing aid for CPE, CR, CSM and PC-EPDM elastomers. Improves processing characteristics over a wide range of shear conditions. Little to no effect on physical properties. Improves dispersion of filler components. Well suited for compounds destined for extrusion and continuous cure.
	H	Emulsion of fatty acid esters & HMW waxes	Beige Flakes	1.1	147	64	Improves dispersion and filler incorporation for many elastomers. Lowers injection pressure and improves mold flow and release.
Zinc	C	Zinc Soaps of unsaturated fatty acids	Beige Flakes	1.3	217	103	General purpose processing aid for H-NBR, IR, NR and SBR elastomers. Has mild peptizing effect in NR compounds. Improves ingredient dispersion and lowers energy cost.
	L	Zinc Soaps of unsaturated fatty acids	Beige Flakes	1.1	221	105	Processing additive for H-NBR, IR, NR and SBR elastomers. Improves ingredient dispersion and shortens mix times. Improves mold flow and release.
	T	Zinc Soaps of unsaturated fatty acids	Beige Flakes	1.0	214	101	Improves the mixing and processing of H-NBR, IR, NR and SBR elastomers. Improves extrusion profile, mold flow and release. Particularly useful in industrial part injection molding and enhances the surface finish.

Butyl	Copolymer of isobutylene with isoprene (IIR)
CPE	Chlorinated polyethylene (CM)
CR	Polychloroprene
CSM	Chlorosulphonated polyethylene
EPDM	Ethylene propylene diene monomer
PC-EPDM	Peroxide Cured ethylene propylene diene monomer
H-NBR	Hydrogenated Nitrile

IR	Polyisoprene
NBR	Nitrile (Copolymer of acrylonitrile (ACN) and butadiene)
NR	Natural Rubber
SBR	Styrene Butadiene Rubber
XNBR	Carboxylated Nitrile Rubber

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