

PVC

Product	Chemical Description	Physical Form	Internal Lubricant	External Lubricant	Melting Range (°C)	Use Level (phr.)		Applications / Function
						Rigid PVC	Soft PVC	
Libnol G-11	Oleochemical Derivative	Powder	Y		84-87	0.5-1.5		Compatible Internal Lubricant for rigid PVC pipes/conduits/profiles, hollow articles and moulded products like fittings.
Libnol G-21	Oleochemical Derivative	Flakes	Y	Y	58-60	0.5-1.5	0.5-1.5	Intermediate Lubricant for rigid PVC pipes, conduits and cable compounds.
Libnol G-121	Oleochemical Derivative	Powder	Y		58-60	0.5-1.5		Lubricant of medium-grade compatibility for rigid PVC, for use preferably in rigid PVC profiles, fittings Synergistic support with Sn-mercaptides.
Libnol G-91	Oleochemical Derivative	Liquid	Y			0.5-1.5	0.5-1.0	Internal lubricant for PVC tubings, films and fittings.
Libnol G-151	Oleochemical Derivative	Powder	Y		54-58	0.5-1.0		Release Agent.
Libnol G-161	Oleochemical Derivative	Liquid	Y			0.5-1.5	0.5-1.0	Compatible Internal Lubricant for rigid and soft PVC, Standard lubricant for rigid PVC films/sheets by Calendering.
Libnol G-1141	Oleochemical Derivative	Liquid	Y			0.5-1.5	0.5-1.0	Internal lubricant for rigid and soft PVC calendered films/sheets, synergistic support with Sn-mercaptides.
Libnol G-200	Oleochemical Derivative	Flakes		Y	54-56	0.2-0.5	0.2-0.5	External lubricant for rigid and soft PVC.
Libnol G-211	Oleochemical Derivative	Flakes		Y	72-74	0.1-0.5	0.1-0.5	External lubricant for rigid and soft PVC especially for Ba-Cd stabilized PVC articles.
Libnol GH-41	Oleochemical Derivative	Powder	Y		70-72	1.0-1.5		Compatible lubricant for rigid PVC bottles, fittings, sheets, synergistic support with Sn-mercaptides and ca-zn stabilizer.
Libnol G-1011	Oleochemical Derivative	Liquid	Y			1.0-1.5	0.5-1.0	Internal all round lubricant for rigid and soft PVC films/sheets, synergistic co-stabilizing properties with Sn-mercaptides.
Libnol G-1291	Oleochemical Derivative	Powder	Y		67-71	0.5-2.0		Lubricant of higher compatibility for rigid PVC films, fittings, profiles and other Sn-mercaptide stabilized articles.
Libnol G-3211	Oleochemical Derivative	Powder	Y	Y	54-58	0.5-1.5		All round lubricant for rigid PVC profiles/extrusion and Injection moulding.
Libnol G-5311	Fatty Alcohol	Pastilles	Y		50-54	1.0-2.0		Internal Lubricant for rigid PVC Extrusion and Injection Moulding.
Libnol G-6011	Dicarboxylic Acid Ester	Powder	Y		48-52	0.5-2.0		Universal Internal Lubricant for rigid PVC and foamed PVC applicable independently for stabilizing system. Pseudo-plasticizer for PVC.
Libnol G-6051	Oleochemical Derivative	Powder	Y		58-62	0.5-1.0		Compatible Internal lubricant for PVC foam sheets.
Libnol G-7011	Complex Ester	Powder		Y	54-56	0.5-0.8		External lubricant for Calendered film and rigid PVC fittings.

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						Rigid PVC	Soft PVC	
Libnol G-7281	Complex Ester	Powder	Y	Y	52-54	0.5-1.5	0.5-1.0	Internal and External lubricant for extruded profiles and moulded goods, Synergistic co-stabilizing properties with Pb-stabilizers.
Libnol G-7411	Complex Ester	Powder		Y	54-56	0.5-1.0		External lubricant for calendered film with more compatibility, also suggested for Sn-stabilized PVC fittings.
Libnol G-7481	Complex Ester	Powder		Y	60-62	0.5-1.0		External lubricant for extruded profiles and moulded goods.
Libnol KT-25	One Pack Lubricant System	Powder	Y	Y	100-104	1.0-2.0		One Pack Lubricant for PVC pipes/ conduits/profiles.
Libnol LC-10	One Pack Lubricant System	Powder	Y	Y	100-104		1.0-2.0	Composite lubricant for PVC cable compounds.
Amisol	Fatty Acid Ester	Powder	Y		84-87	1.0-1.5	1.0-1.5	Internal Lubricant for rigid PVC Extruded/ molded products, film, bottles, pipes fittings etc.
Libnol - 40	Fatty Acid Derivative	Liquid	Y				1.0-2.0	Viscosity depressants for PVC leather cloth.
Libstat - 95	High Mono GMS	Beads			67-71	3.0-5.0	0.5-1.0	Antistatic Agent.
Libwax - C	Bisamide Wax	Powder		Y	142-146	0.1-0.5	0.1-1.0	Antiblock agent for soft PVC film and sheets, release agent for rigid PVC calendered sheets.
Libwax - NM	Amide Wax	Powder		Y	100-102		0.1-1.0	Antiblock/Release agent for soft PVC calendered films/sheets specially for printed films with antiblock properties.
Libwax - KD	Polyethylene Wax	Powder		Y	100-104	0.1-0.5		External lubricant for rigid PVC Extrusion.
Libwax - OP	Synthetic Wax	Flakes		Y	84-87	0.2-0.5	0.2-0.5	External lubricant for PVC compound, rigid PVC pipes/fittings/conduits.
Libwax - OP 106	Oleochemical Derivative	Flakes		Y	58-62	0.2-0.5	0.2-0.5	External lubricant for PVC compound, rigid PVC pipes/fittings/conduits.
Libwax PE-1	Oxidised Polyethylene Wax	Beads		Y	99-102	0.1-0.15		External lubricant for RPVC blown films and extruded products.
Libfog - 101	Oleochemical Derivative	Liquid	Y				2.0-4.0	Antifogging agent for food wrapping plasticized PVC films.