

G 60 is a dicarboxylic acid ester of saturated fatty alcohols.

General Appearance:

Slightly yellowish, solid Available as powder or beads.

G 60 is a versatile internal lubricant for rigid PVC. Due to its excellent compatibility with the resin it can be added at high dosage. G 60 can be utilized with various stabilizers, including lead, tin, calcium/zinc and calcium organic based systems.

Typical applications include injection molded articles and fittings, extruded pipe, window profiles, technical profiles and foamed or compact sheets. G 60 has minimal influence on the gelation time and improves the flow of the polymer melt in complex articles. G 60 can be used for transparent articles. G 60 is also a processing additive for other vinyl free resins.

Specified Data

Parameter	Value
Dropping point (°C)	45 - 48
Acid value (mg KOH/g)	0 - 2
Hydroxyl value (mg KOH/g)	0 - 10
Color Lovibond 1" yellow	0 - 5
Color Lovibond 1" red	0 - 1.5
Iodine value (g I/100g)	0 - 1
Saponification value (mg KOH/g)	164 - 176

Recommended Dosage:

0.5 - 3.0 % for rigid PVC (compatible with all usual stabilization systems)

0.5 - 1.5 % for other resins