

Silicone masterbatch LYSI-01V

Silicone Masterbatch LYSI-01V is a pelletized formulation contain 40% ultra high molecular weight siloxane polymer dispersed in LDPE resin. Suitable for all PE compatible resin system to improve the processing properties and surface quality. Compare with traditional additives like silicone oil, amide , wax etc , it's much more efficient for lubricity and without any migrate .

Typical performance:

Name		LYSI-01V
Appearance		White pellet
Silicone content	%	40
Resin basse		LDPE
Dosage	%	0.5~5%
MI	g/10min	>7

Features:

Improve processing, less extruder torque, reduced equipment wear, better mold filling, mold release and reduce product defect rate

Obvious lower the coefficient of friction, improve surface smoothness, gloss , enhance the surface silk texture, scratch resistance and abrasion resistance.

Enhanced fuel resistance, reduced smoke density, improve the impact strength .

Good stability, non-migratory and surface without precipitation.

Applications:

- (1)LSFOH/LSOH cable compounds
- (2)LDPE/ATH.EVA/ATH halogen-free flame retardant polyolefin cable materials
- (3)PE Packaging film
- (4)Silicone core pipe

Use methods: LYSI-01V mixed with its compatible resin at a certain proportion then molding or pelleting directly

Recommend dosage:

when added at 0.5%to 2%, can improve the product's processing, liquidity and mold release. At a high level: 1% to 5% can improve the surface properties (smoothness, scratch resistance and abrasion resistance).

Package: 25Kg, craft paper bag