



Silicone Masterbatch LYSI-306

Silicone masterbatch LYSI-306 is our newest products which contains 50% ultra high molecular weight siloxane polymer dispersed in PP resin .Typically for those compounds which has a very high requirement about anti-scratch resistance like TPE,TPV compounds , automobile interior trims compounds (PP,TPO) Small dosage of it can significantly improve anti-scratch resistance. Meanwhile , processing proeperties like resin fow , extruder torque , die pressure will be getting better too.

Typical performance:

Grade		LYSI-306
Appearance		White pellet
Silicone content	%	50
Resin base		PP
Dosage	%	2-5
Melt index	g/10min	>4

Main features

Ease in processing of Polypropylene(PP) Compounds for use in automotive interiors Is essential. Facilitation in injection molding as well as the demolding of such parts Is a prerequisiste. Furthermore, the surface Must exhibit abrasion resistance .

- (1) Improves the anti-scratch properties of TPE,TPV PP,PP/PPO Talc filled systems.
- (2) Operates as a permanent slip enhancer
- (3) Dose not show any migration

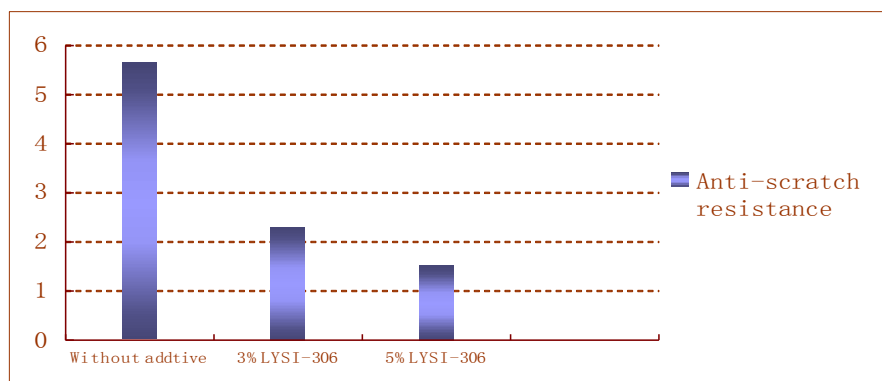


Figure 1 shows that LYSI-306 significantly Improve the anti-scratch resistance Of Automobile PP compounds. Testing standard: Volkswagen PV3952

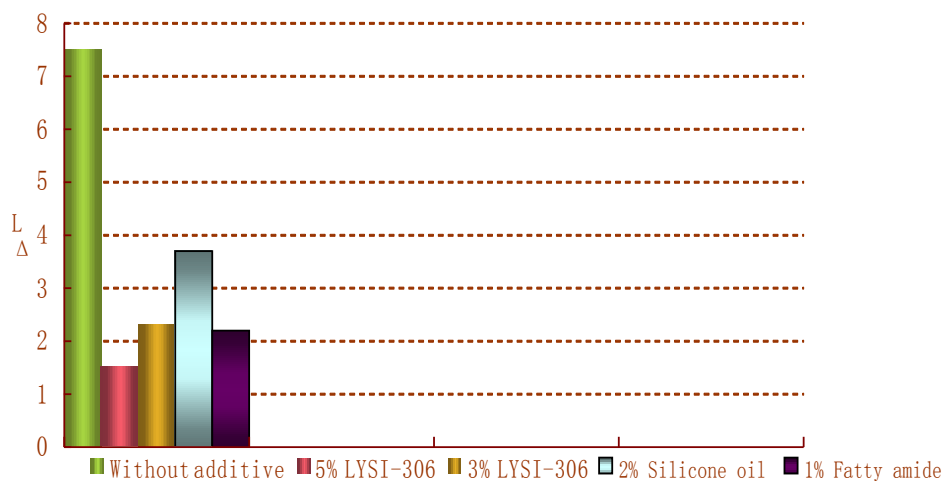


Figure 2 ΔL 24 h

Figure 2 shows LYSI-306 compared with other agents , Testing system: 20% PP/Talc compound. Testing standard: PV3952 , 10N

Use methods:

mixed with its compatible resin at a certain proportion then molding /extrusion/ or pelleting directly

Recommend dosage: 2~5%

Package : 25Kg, paper bag

Storage :

Non-dangerous goods , 24 months at dry condition , room temperature .