

Acrylic Impact Modifier LS 61

Product Description

LS series Impact Modifiers are weatherable Acrylic Impact Modifiers used in rigid PVC products. These are "core-shell" structure modifiers, with cross-linked poly butyl acrylic as "core" and grafted methyl methacrylate as "shell". They not only improve impact resistance performance of the product, but also increase the surface gloss of the product, and especially the weatherability of the product. These are especially suitable for outdoor products and broadly used in PVC profiles, sheets, boards, pipes, pipe fittings, etc.

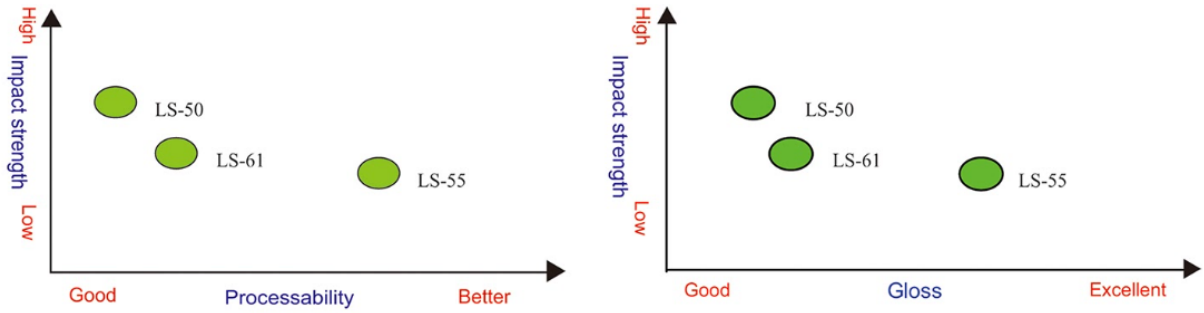
Typical Physical Properties

Index	LS-61
Appearance	White flowing powder
Bulk Density (g/cc)	0.40-0.55
Volatiles Content (%)	≤1.5
Particle size (40 mesh passing percentage)	≥98%

Benefits

Compared to CPE and other impact modifiers, AIM LS series products have the following advantages:

- ◇ Imparts excellent low-temperature impact resistance. Excellent weatherability.
- ◇ Improves product surface gloss greatly. Wide processing range for high speed extrusion.
- ◇ Improves impact strength and imparts good rigidity of product.



Properties

Product	Impact property (23°C)	Impact property (-10°C)	Product characteristic
LS-61	*****	*****	Excellent impact properties

Applications

Item		LS-61
Lubricating LP series Stearic Acid	Impact Modifier	4-7
	Processing Aid	0.5-0.8