

PVC PROCESSING Manufacturer Wholesale MBS Impact Modifier L-300 For PVC Transparent Products

Specifications :

Price	Contact us
Place of Origin	China
Min.Order Quantity	1
Payment Terms	T/T,L/C,D/P
Supply Ability	1000
Delivery Detail	3days--7days

Detail Introduction :

Opaque MBS Impact Modifier L-300

Description

L-300 is a ternary co-polymer with core-shell structure consisted of Methyl Methacrylate, 1,3-Butadiene

and Styrene. Its main function is to improve impact strength in indoor applications, especially for PVC finished products which have higher impact strength needs. In addition, it can lengthen production cycle due

to excellent metal release.

Key property

Excellent improved impact efficiency

Excellent thermal ability

Easy dispersion

Wide processing window

Product index

Specification	L-300
Appearance	White, free flowing powder
Bulk Density(g/cm3)	0.45±0.10
Sieve residue (30 mesh)	?2.0
Volatile content	?1.20

Dynamic thermal stability

Test condition: double-roller mill temperature190? Thickness: 0.5mm

YI at different time Test standard: ASTM E313-00

Type	3'	5'	7'	9'	11'	13'	15'
1# Competitor	0.94	3.10	4.47	5.34	6.55	7.91	8.93
2# L-300	0.99	3.61	4.22	5.88	7.05	8.00	9.14

Optical properties comparison

Type	Haze
1# Competitor	4.02±0.04
2# L-300	3.85±0.03

Mechanical property

-5?stable 20min? 25.020HZ pat 15s

Type	Thickness(mm)	Number of all samples	Number of damaged samples
1# Competitor	0.5±0.02	10	2
2# L-300	0.5±0.02	10	1

Tensile strength comparison

Test standard: GBT 1040-2006 Test condition: 23? 10mm/min

Type	Tensile strength (MPa)	Elongation at break (%)
1# Competitor	39.66±0.35	161.47±6.35
2# L-300	41.79±0.30	181.25±5.40