SHUBH LABH INTERNATIONAL PVT. LTD.

PP MFI ENHANCER

TECHNICAL DATA SHEET | Grade: **SLI300MB**
Sample TDS | Revision 01 | 06 October 2026

Product description

SLI300MB is a polypropylene-based MFI enhancer intended to increase the melt flow of PP for injection moulding, extrusion, compounding and recycling. It helps adjust the flow characteristics of PP to suit processing requirements.

Product specifications

Parameter	Typical value / specification
Carrier polymer	Polypropylene (PP)
Density	0.94 g/cm³
Physical form - injection moulding	Granules
Physical form - extrusion	Pulverized powder
Odour	No smell
Recommended starting dosage	1% by weight of the total blend
MFI enhancement at 1% dosage	Approximately double the base PP MFI*
Melting point	Typically 160-170°C (PP carrier reference)
MFI test method	ASTM D1238
MFI test temperature / load	230°C / 2.16 kg
Shelf life	One year under recommended storage conditions

Applications

Thin-wall containers; buckets and plastic chairs; PP masterbatches and compounds; recycled PP for rope and nonwoven processing; adjustment of recycled film and raffia for injection moulding.

Dosage and processing

For a 1% trial blend, mix **1 kg SLI300MB with 99 kg PP**. Mix uniformly before processing. Optimise dosage according to the starting MFI, target MFI and processing conditions.

Storage

Keep sealed in a cool, dry place, protected from sunlight and heat.

*MFI enhancement is a supplier-stated target, dependent on the base PP grade and processing conditions. Compare untreated and treated PP under identical test conditions and verify finished-product properties. The melting range is a typical PP reference, not a measured value for this additive grade.