



MB-SLIP-AB-PE

PE Film Slip / Antiblock Platform – Commercial
Sub-Grades Required

PRELIMINARY ENGINEERING DATA

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OWNER TECHNICAL & R&D
STATUS CONTROLLED DEVELOPMENT DATA

PRODUCT OVERVIEW

This is not one technically complete grade. Migratory oleamide, migratory erucamide, non-migratory slip and antiblock systems behave differently and must be issued as separate sub-grades with declared active loading. Applications: LDPE/LLDPE blown film; Cast film; Lamination and bag applications. Key features: Controlled COF target; Improved film handling; Fast- and slow-bloom variants.

PRELIMINARY TECHNICAL PROPERTIES

PROPERTY / CONDITION	TEST METHOD	PROVISIONAL VALUE	UNIT
Carrier identity and MFR	FTIR + ISO 1133-1	Declared for each film sub-grade	
Slip chemistry and assay	Supplier identity + validated assay	One defined system per sub-grade	wt. %
Antiblock type, particle size and loading	Supplier CoA + laser diffraction/assay	Defined per sub-grade	
Moisture / volatile content	Validated method	To be established	wt. %
Dynamic COF after 24 h and 72 h conditioning	ASTM D1894 with fixed film/conditioning	To be established	
Blocking force	ASTM D3354 or customer method	To be established	
Haze / gloss / seal / print-lamination adhesion	Defined film protocol	To be established	
Filter pressure value	EN 13900-5 or validated equivalent	To be established	bar·cm ² /g

QUALIFICATION & USE

- Values are development targets, not a sales specification or certificate of analysis.
- Final limits require independent production-lot validation using the cited methods and controlled specimen preparation.
- Regulatory, food-contact, medical, UL, IEC, ATEX or OEM compliance applies only when confirmed in a grade-specific document.