

## SLOW MIGRATION SLIP MASTERBATCH

# PLASADD® PE9020



PLASADD® PE9020 is a polyethylene based masterbatch containing a slow migration slip agent designed for use in film applications.

Film surfaces can stick together for example by blocking or when there is a build-up of static electricity caused by friction during manufacture. To eliminate or reduce this problem, slip agents can be used which will allow film surfaces to slide over one another more easily. The slip additive migrates to the surface relatively slowly thus reducing potential problems during sealing and printing.

Slip agents are generally unsaturated amides, which are incompatible with the polymer and gradually migrate to the film surface, the rate depending on the molecular weight of the slip agent used and its incompatibility with the polymer. A lubricated film surface is thereby formed giving the required slip properties.

This product is suitable for use in a wide range of plastics that come into contact with food. For more details regarding the food contact compliance in various European countries, please refer to the relevant Food Contact Statement that you can obtain through your usual Cabot representative.

### **METHOD OF ADDITION**

PLASADD® PE9020 is designed for ease of dilution and homogeneous mixing and is therefore suitable for direct addition using automatic dosing units or by pre-blending.

### **ADDITION RATE**

The recommended addition level is 0.75% to 2% by weight of the masterbatch depending on the thickness of the product, the extrusion conditions and the final application. Should you need further information, please contact your local Cabot representative.



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## PHYSICAL PROPERTIES

PROPERTY	VALUE	TEST METHOD (*)
Carrier	LDPE	
Additives	8 % erucamide	
Colour	PE9020 pellets have a translucent appearance	
Compatibility	LDPE, LLDPE, HDPE, PP, EVA and other ethylene copolymers	
Density @ 23°C	910 kg/m <sup>3</sup>	CTM E023
MFI 2.16kg/190°C	16 g/10 min	CTM E005 (ISO 1133)

(\*) Tests are performed according to Cabot Test Methods (CTM) based on international Standards

Quoted test results should not be used for specification purposes but are typical test values intended for guidance only.

### PACKAGING

PLASADD® PE9020 is supplied in regular pellet form packed in 25 kg bags. It should be stored in a cool, dry place. Recommended storage life: up to 3 months provided it is stored as directed.

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