

## PLASADD® PE9174



PLASADD® PE9174 is a polyethylene based masterbatch containing a blend of a fast migration slip agent and a mildly abrasive fine natural silica. It is designed for use in the manufacture of blown polyethylene film where the end product requires slip and antiblock characteristics.

Fast migration additives (oleamides) may sometimes create winding, sealing and printing problems. In this case the use of a PLASADD® masterbatch containing erucamide is recommended (e.g. PLASADD® PE9172).

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® PE9174 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 addition level of the masterbatch depends on the thickness of the product, the extrusion conditions and the final application and should be tested for each new application. Typical addition levels vary from 1% to 3%.



**Cabot Corporation**

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PLASADD® PE9174

SLIP AND ANTIBLOCK MASTERBATCH



**PHYSICAL PROPERTIES**

PROPERTY	VALUE	TEST METHOD (*)
Carrier	LDPE	
Additives	5 % oleamide 10 % natural silica	
Colour	pellets have a slight white appearance	
Compatibility	LDPE, LLDPE, HDPE, PP, EVA and other ethylene copolymers	
Density @ 23°C	975 kg/m3	CTM E023
MFI 2.16kg/190°C	11 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® PE9174 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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