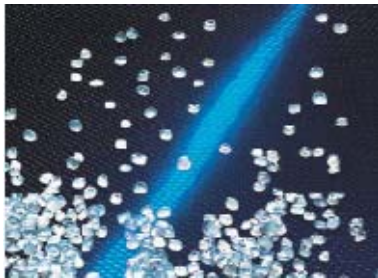


## PLASADD® LL9917



PLASADD® LL9917 process aid masterbatch is specially designed to improve the processability of linear low density polyethylene rich materials, MDPE and HDPE. It works by coating the internal surface of the extrusion line and die and thereby reduces the friction between the polymer and the metal. This leads to the following benefits:

- reduced or eliminated melt fracture;
- improved surface quality, clarity and gloss;
- reduced extruder head pressure which often allows higher output rates and/or reduces power consumption.

PLASADD® LL9917 can also be used to reduce die build up by preventing the adhesion of oxidised material, waxes, etc. on the metal surface. Typical applications are film, sheet and pipe extrusion as well as blow moulding.

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® LL9917 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

To achieve maximum efficiency, it is advisable to pre-condition the processing equipment by using a high initial dosing level. This can be up to 25% of PLASADD® LL9917 and should continue for 10-30' until stable extrusion is established or melt fracture is eliminated. The continuous addition level of PLASADD® LL9917 can then be 1-2%, depending on the desired output, cost and machine pressure constraints.

### Note

The effectiveness of PLASADD® LL9917 can be reduced by some polymer additives incl. certain types of antiblock agents and pigments. If present, a continuous addition level of higher than the normal 1-2% may be needed. If used to reduce die build up, significant results can be achieved at levels of 0.5-1% masterbatch.



PLASADD® LL9917

PROCESS AID MASTERBATCH



**PHYSICAL PROPERTIES**

PROPERTY	VALUE	TEST METHOD (*)
Carrier	LLDPE	
Additives	process aid	
Colour	pellets have a slight whitish appearance	
Compatibility	LDPE, LLDPE, HDPE, HMW-HDPE, PP, ethylene copolymers	
Density @ 23°C	930 kg/m3	CTM E023
MFI 2.16 kg/190 °C	3 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® LL9917 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 6 months provided it is stored as directed.

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