



Masterbatch
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 **Purge Compound**
PolyPlus® LD 1925 ZZ

EN

A plus in performance



PolyPlus® LD 1925 ZZ

Fast cleaning times. Less downtime. A clean solution.

PolyPlus® LD 1925 ZZ is a versatile, stabilized and highly effective LDPE-based purge compound specially formulated to reduce cleaning times of PE film, wire & cable, and injection-molding machines.

It is appropriate for use during dismantling and cleaning equipment, week-end shut-downs and unplanned stoppings.

PolyPlus® LD 1925 ZZ contains both surfactants and abrasive agents. They are providing jointly mechanical and chemical cleaning properties removing the degraded polymer and pigments from the equipment and die.

The use of PolyPlus® LD 1925 ZZ just prior to equipment dismantling has proved to reduce clean-up down-time by 50%

The same benefit can be obtained during material quality changes. The use of PolyPlus® LD 1925 ZZ in injection moulding systems with hot runner is not recommended.

The benefits are highly visible

The cleaning effect of the surfactants continues when PolyPlus® LD 1925 ZZ is left in the machine during a shutdown.

PolyPlus® LD 1925 ZZ has low adhesion to metal surfaces and hence it is easy to separate metal parts of the extruder and to clean them when PolyPlus® LD 1925 ZZ is used prior to a strip and clean.

PolyPlus® LD 1925 ZZ is a filmable resin allowing continuous extrusion while purging.

The high purging efficiency of PolyPlus® LD 1925 ZZ reduces the amount of scrap generated when changing materials and colours.

Regular purging with PolyPlus® LD 1925 ZZ as part of a program of preventative maintenance will help to prevent the build-up of degraded resin in the extruder.

With regular purging, less PolyPlus® LD 1925 ZZ and less time will be needed during each cleaning operation.





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How to use PolyPlus® LD 1925 ZZ most effectively

We recommend using our PolyPlus® LD 1925 ZZ at temperatures between 100°C and 180°C.

At the end of the production (extrusion) program reduce the screw speed and the melt temperature down to 180°C.

When melt T° reaches 180°C, add 50% of PolyPlus® LD 1925 ZZ.

When melt T° reaches 160°C, add 100% of PolyPlus® LD 1925 ZZ.

Continue to purge and to reduce melt temperature down to 140°C.

Keep purging during 10 to 20 minutes, increasing and reducing the screw speed in order to break up the possible degraded polymer agglomerates in your equipment.

It is now possible to switch off the machine, or to increase temperatures again in order to start a new job.

To start-up your equipment again after a shut-down, you need to purge the extruder at high and low screw speed during 10 to 20 minutes with 100% PolyPlus® LD 1925 ZZ at 140°C.

This will remove any remaining degraded material or pigments that PolyPlus® LD 1925 ZZ have loosened.

In case of extremely difficult cleaning operation the melt temperature can even be decreased to 100°C. In this case PolyPlus® LD 1925 ZZ will come out of the machine in powder form.

When purging below 140°C please remove first the filters (if any) in order to





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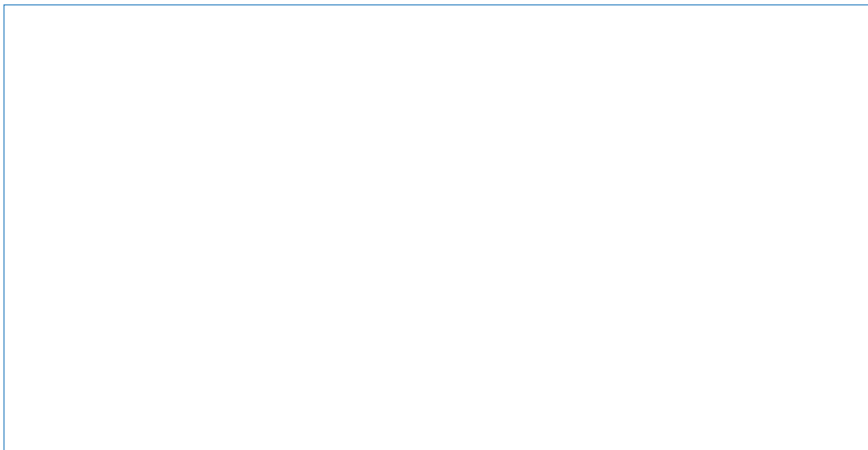
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