

DATA SHEET / SPECIFICATIONS CLEAN HDPE

CLEAN HDPE is a purge compound containing a high level of abrasive mineral additives and organics additives based on HDPE.* It is particularly adapted for pipe and film extrusion.

This product whose appearance is opaque, greyish pellets is used to reduce cleaning times. The compound remains relatively fluid and can be itself easily removed from the extruder or the injection machinery after purging.

SPECIFICATIONS

MFI (190°C, 5 kg)	0,3-0,8	M01-700**
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** Polytechs internal method

CLEAN HDPE contains abrasive and surfactant agents that clean mechanically and chemically the extruder from degraded PE and pigments from both the extruder and the die.

CLEAN HDPE is a filmable resin that will allow a continuous extrusion while purging. It contains no toxic, volatile, or corrosive additives.

USAGE

The use of CLEAN HDPE just before dismantling the equipment will reduce the cleaning time by more than 50%. CLEAN HDPE allows as well to reduce significantly the amount of scrap generated when changing materials or colours.

We advise first to blend 50% of CLEAN HDPE together with the base resin of the last formulation and to reduce the temperatures and the speed of the screw.

Secondly, use 100% of CLEAN HDPE while reducing temperatures.

At the lowest temperatures possible, purge for 10-20 minutes while increasing and reducing the screw speed in order to better clean the machine.

Finally, switch off the extruder or increase the temperatures to extrude the new material.

For start-up operations, purge the extruder at high and slow screw speeds for about 10 to 20 minutes with 100% of CLEAN HDPE and at the lowest temperatures possible.

CLEAN HDPE is most effective when used at temperatures below 180°C.

PACKAGING

The product is packed in 25 kg PE bags on 1375 kg shrink-wrapped pallets.

* Other versions specially adapted for LDPE and PP are also available.

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