

<b>DATE SHEET / SPECIFICATIONS CLEAN LLDPE</b>
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CLEAN LLDPE is a purge compound containing a high level of abrasive mineral additives and antioxidants based on LLDPE.\* It is particularly adapted for film extrusion.

This product 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**

<i>MFI (190°C, 2,16 kg)</i>	<i>Approx. 1,5</i>	<i>M01-700**</i>
<i>Appearance</i>	<i>Opaque, greyish</i>	

\*\* Polytechs internal method

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

We advise first to blend 50% of CLEAN LLDPE 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 LLDPE at 170°C while continuing to reduce temperatures.

At 150°C, 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 LLDPE and at 150°C.

CLEAN LLDPE 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.

\* A new version specially adapted for HDPE extrusion is now ready (ref. CLEAN HDPE) as well as a more generic version based on LDPE (ref. CLEAN LDPE).

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