

Technical Sheet RU131LD

Easypurge RU131LD is an innovative purging compound formulated with a special blend of low-abrasive inorganic fillers and organic additives on a high-viscosity LDPE carrier, specifically developed for cleaning extrusion and injection lines. It facilitates optimal cleaning of screws, dies, and nozzles during color changes and/or polymer transitions.

Product Description

Easypurge RU131LD acts very efficiently as a cleaning compound, reaching all internal dead zones inside the extruder where polymer and contaminants tend to stagnate, effortlessly removing residual pigments, fillers, and degraded materials accumulated inside the equipment.

The compound's excellent thermal stability also allows for extended machine downtime, even at elevated temperatures, preventing premature thermo-oxidative degradation that results in oxidized particles formed during extruder downtime or scheduled shutdowns, and negating the need for additional disassembly for cleaning.

Easypurge RU131LD barely adheres to metal surfaces, allowing easy removal of adhered material during off-line cleaning.

Main uses and applications

Easypurge RU131LD has been specifically developed for both off-line and on-line cleaning operations, and it is even possible to film the product without stopping the line during cleaning processes.

The product can be used in processes with temperatures between 120 °C and 200 °C, although the best performance is achieved at temperatures below 160 °C. It is particularly suitable for material transitions, color changes, shutdown operations and periodic cleaning of polyolefin lines. In addition to polyolefins, it is also compatible with other polymers, depending on the compatibility and viscosity of the polymer, as well as the process temperatures.

Recommended applications :

Aplicaciones	LDPE & LLDPE	PEX	PVC flexible	Biopolímeros
Film soplado & cast	****		***	***
Extrusión soplado	***			
Extrusión de perfiles & lamina	***			
Extrusión de tubería	**			
Cables	****	***	***	
Inyección	**		**	***

For other situations, it is recommended to contact our technical department.

Regulations

Easypurge RU131LD only contains substances approved for contact with food, in accordance with European legislation.

Storage and packaging

Store the product in a dry place at room temperature, protected from direct sunlight. Under normal conditions, the average shelf life is one year. The product is supplied in 25 kg PE bags.

Legal information

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