

Hydroxy-Purge 30C

Thermoplastic

InChem Corp.

Message:

InChemRez Hydroxy-Purge 30C is a thermoplastic organic resin alloyed with inert minerals designed to efficiently and effectively clean conventional reciprocating screw molding systems. The organic thermoplastic resin is characterized as a tough and ductile thermoplastic amorphous polymer having excellent thermal stability and wetting characteristics.

Hydroxy-Purge 30C offers an intermediate level of "scrubbing" characteristics for use at temperatures between 350 and 560°F. Typically, four pounds per diameter inch of Hydroxy-Purge 30C is recommended for standard cleaning (refer to InChem publication "Instructions For Use In Injection Molding Equipment" for complete list of parameters and use suggestions).

Hydroxy-Purge 30C is highly effective because:

- the proprietary formulation works under high agitation to dislodge contaminants;
- formulation contains resins and agents to wet out pigments efficiently resulting in short cleaning cycles;
- of less adhesion to internal metal surfaces.

FDA Status of Hydroxy-Purge 30C

InChemRez Hydroxy-Purge 30C is intended for use as extruder purge compounds. The resinous portion of Hydroxy-Purge 30C is compliant with numerous FDA requirements including coatings for direct and indirect food contact (21CFR175.300), adhesives (21CFR175.105), and as a component for articles intended for repeated use producing, manufacturing, packing, processing, preparing, treating, packaging, transporting, or holding food (21CFR177.2280).

The inorganic portion of Hydroxy-Purge 30C is compliant with the guidelines of 21CFR182.2727, i.e., Generally Recognized As Safe (GRAS).

Safety and Handling

Hydroxy-Purge 30C is sold in 45 kg drums, 114 kg drums, and 500 kg gaylord. The compound is indefinitely stable in unopened containers when stored at normal temperatures.

Consult the product MSDS for additional information on properties, hazards, and handling.

For safe use information of Hydroxy-Purge 30C and other InChem cleaning compounds read "Instructions For Use In Injection Molding Equipment" available from InChem customer service by fax and/or PDF file.

General Information			
Features	Thermal stability, good Good toughness amorphous ductility		
Uses	Cleaning compound		
Agency Ratings	FDA 21 CFR 175.105		
	FDA 21 CFR 175.300		
	FDA 21 CFR 177.2280		
	FDA 21 CFR 182.2727		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Apparent Density	0.69	g/cm ³	ASTM D1895
Additional Information			
Use rate: 4 pounds per inch (diameter)Color: gray-brown			

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