

RE Series

Technical Data Sheet



Product Description

RapidPurge RE Series is a thermoplastic purging compound used in injection molding, extrusion, and blow molding machines to address degradation, color/material changeovers, and machine shutdown/sealing. This series was specifically designed for FDA applications, utilizing FDA/GRAS compliant materials.

Features & Benefits

High-Performance Chemical Formulation	Comprised of FDA/GRAS compliant ingredients.
Non-Abrasive Mechanical Additives	Enhanced scrubbing for effective removal of even the most stubborn contaminants.
Equipment	Can be used in all plastic processing equipment; hot runner safe; can go through downstream equipment out to open die; RapidPurge is inert to metal.
Pre-Mix	"Ready to Use" pre-mixed grades can be used right from the container - No mixing necessary.
Pellet Form	Easy feed and handling; can be hopper loaded.
No Temperature Changes	Can be run through machines at operating temperatures.
Shut-Down/Start-Up	Excellent shut-down properties. Residual purge left in the machine with heats turned off will not burn during cool down and/or heat up providing efficient start-ups.
Shelf Life	Indefinite in sealed container.

Physical Properties

Processing Temperature	English	Metric
RE9240	360f-565f	182c-296c
RE5540	450f-700f	232c-371c
RE8240	325f-450f	163c-232c
Minimum Orifice	.008 inches	.203mm
Minerals	Ground to 45 microns / 325 mesh	
Screen Packs	Recommend removal to prevent blockage of degraded materials	



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