

PM Series

Technical Data Sheet



Product Description

RapidPurge PM Series is a heavy duty chemical thermoplastic purging compound used on injection molding, extrusion, and blow molding machines to address high degradation, difficult color changeovers, and challenging material changes.

PM series also employs a proprietary mineral package specifically designed for its hardness and angular structure for superior scrubbing.

Features & Benefits

High-Performance Chemical Formulation

Designed for challenging purging applications.

Non-Abrasive Mechanical Additives

Proprietary mineral package for enhanced scrubbing. No calcium carbonate fillers.

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.

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.

Maximum Results

For highly demanding applications such as carbon buildup, temperatures can be raised.

Short Soak Cycle

5 – 30 minute soak cycle recommended depending on the severity of the contamination. In some applications, no soak cycle is required.

Heat Activated Foaming Agents

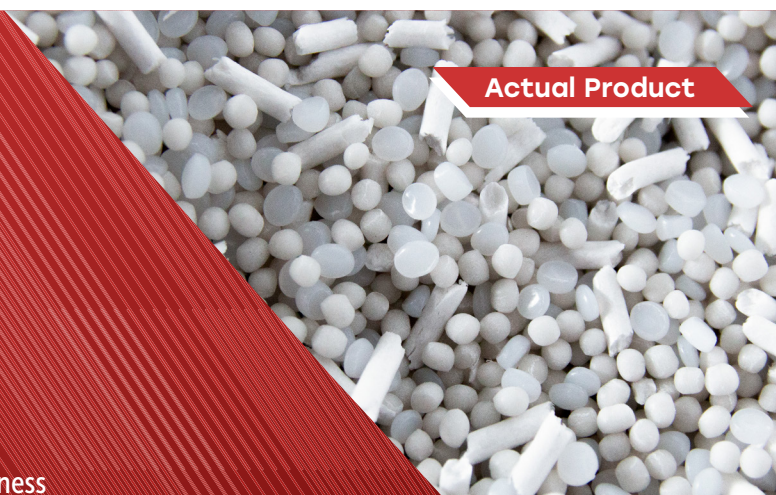
Expand the purge into negative flow areas.

Shelf Life

Indefinite in sealed container.

Physical Properties

| Processing Temperature | English | Metric |
|------------------------|---|-----------|
| PM9240 | 380f-570f | 193c-300c |
| PM5540 | 450f-725f | 232c-385c |
| PM8240 | 350f-450f | 177c-232c |
| Minimum Orifice | .008 inches | .203mm |
| Minerals | 45 microns/325 mesh, high Mohs hardness and angular shape for thorough scrubbing No CaCO ₃ used | |
| Screen Packs | Recommend removal to prevent blockage of degraded materials | |



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