

ASACLEAN™

Purging compound

TECHNICAL DATA SHEET



FD Grade

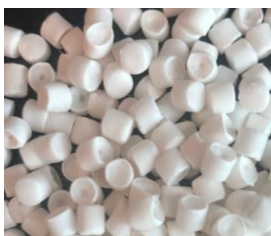
AsahiKASEI

Mechanical Purging Compound for Injection Molding & Extrusion

Packaging



FD Grade is available in :
20kg bags (pictured above)



PICTURED: Close-up of FD Grade

Product Safety

Refer to SDS
for more information

Key Measurements

Specific Gravity	1.18~1.39
Softening Point	120°C to 130°C

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for

- News/Events
- SDS
- Training videos



<https://www.asahi-kasei.co.jp/asaclean/en/>

Description & Benefits

- **Concentrate grade for PE film /sheet**
 - * Recommended mixing ratio : FD 20% + PE 80%
 - * Can be purged through die without removing it
- **Holds a bubble in blown-film**
- **Effective for color/material changes**
- **Removes gels and contamination that is not carbonized**
- **Low residue purge**
- **Optimized for shutdown & sealing**

Usage Information

Temperature Range :	140°C to 260°C
Applicant:	Extrusion - blown film, sheet, profile, compounding Injection Molding - including hot runners
Types of Resin:	Purging to and from PE-based resins within the processing temperature range.
Amount of Purge:	Typically 1-2 system capacities (actual amount depends on degree of contamination)
Minimum Clearance:	Requires 0.5 mm clearance for hot runner gates and extrusion dies; for extrusion screen packs, nothing finer than 100-mesh screen packs may be used.
Soak Time:	Not required

* Detailed instruction may vary to optimize your purging process.

Physical & Chemical Properties

Pellet color:	Milky white
Base resin:	Olefinic resin
Inorganic additives:	Less than 40 %
Stability:	Stable under normal temperatures
Reactivity:	Non-reactive under normal handling and storage conditions
Conditions to avoid:	Do not exceed recommended temperature range. Do not exceed mixing ratio range (10-30%).

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Information in this document is subject to change without notice and it should be used for reference only.

AsahiKASEI Corporation