

ASACLEAN™ PURGING COMPOUND

TECHNICAL DATA SHEET

EX GRADE

Mechanical Purging Compound for Injection Molding & Extrusion

Packaging



EX Grade is available in:

- 55 lb. boxes
- 250 lb. poly-bags (pictured above)
- 1,500 lb. gaylords



PICTURED: Close-up of EX Grade

Description & Benefits

- Ideal for hard-to-purge resins requiring maximum deposit removal
- Most powerful cleaner available
- Removes carbon and color contamination effectively
- Glass-filled
- Peels off easily during screw pulls
- Styrenic-based mechanical purge
- NOT recommended for hot runner cleaning and sealing due to its glass content
- Lower-residue formulation

Usage Information

| | |
|---------------------------|---|
| Temperature Range: | 200°C to 330°C (390°F to 625°F)* |
| Minimum Clearance: | Please speak to a Technical Sales Representative for further information on hot runner gate and extrusion die clearances. |
| Amount of Purge: | Typically 1-2 system capacities (actual amount depends on degree of contamination) |
| Applications: | Injection Molding Extrusion - profile, sheet, cast film & compounding Screw Pulls |
| Types of Resin: | Most commodity and engineering resins within the processing temperature range |

Physical & Chemical Properties

| | |
|----------------------------------|---|
| Physical Form: | Solid |
| Shape: | Pellets |
| Color: | Milky white - light yellow |
| Water Solubility: | Insoluble |
| Other Solvent Solubility: | Soluble in methyl ethyl ketone, cyclohexanone, etc. (except inorganic content) |
| 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 allow ASACLEAN EX Grade to reside in barrel for ANY period of time at ANY temperature. |

Product Safety

Refer to Safety Data Sheets for more information

Have a Question? Visit asaclean.com or call 800.787.4348 to speak with a purging expert.

Form #: TDS-EX
Revised: 04/01/2023

Key Measurements

Value

| | |
|---------------------------|---------------------|
| Specific Gravity: | 1.48 at 23°C (73°F) |
| Softening Point: | 130°C (266°F) |
| Flashpoint: | 380°C (716°F) |
| Autoignition Temp: | 490°C (914°F) |

Please Note: The above data should be used for reference only.

*If processing between 330°C to 360°C (625°F to 680°F), local ventilation is required.