

ASACLEAN™ PURGING COMPOUND

TECHNICAL DATA SHEET

C GRADE

Mechanical Purging Compound for Injection Molding & Extrusion

Packaging



C Grade is available in:

- 250 lb. poly-bags (pictured above)
- 1,750 lb. gaylords



PICTURED: Close-up of C Grade

Description & Benefits

- Designed for color & material changes
- Efficient for shutdown & sealing
- Styrenic-based mechanical purge
- General purpose
- Economical grade
- No chemical reaction
- No soak time required

Usage Information

| | |
|---------------------------|---|
| Temperature Range: | 180°C to 330°C (355°F to 625°F)* |
| Minimum Clearance: | 0.5mm (0.020") for hot runner gates and extrusion dies; for extrusion screen packs, nothing finer than 100-mesh screen packs may be used. |
| Amount of Purge: | Typically 1-2 system capacities (actual amount depends on degree of contamination) |
| Applications: | Injection Molding - includes hot runners Extrusion - profile, sheet, cast film & compounding |
| 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 for 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 C Grade to reside in barrel for more than 30 minutes at temperatures higher than 280°C (535°F). |

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-C
Revised: 04/01/2023

Key Measurements

Value

| | |
|---------------------------|---------------------|
| Specific Gravity: | 1.63 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.