

ASACLEAN™

PURGING COMPOUND

TECHNICAL DATA SHEET

CP GRADE

Mechanical Purging Compound for Injection Molding & Extrusion

Packaging



CP Grade is available in:

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



PICTURED: Close-up of CP Grade

Description & Benefits

- Suitable for color & material changes
- Polypropylene-based purge
- Excellent compatibility with olefinic resins
- Easily displaced by olefinic resins
- Economical grade
- Useful for sealing prior to shutdowns
- No chemical reaction
- No soak time required

Usage Information

| | |
|---------------------------|--|
| Temperature Range: | 170°C to 300°C to (340°F to 570°F) |
| Minimum Clearance: | Requires 0.5 mm (0.020") clearance for hot runner gates and extrusion dies; 100-mesh is required for extrusion screen packs. |
| Amount of Purge: | Typically 1-2 system capacities (actual amount depends on degree of contamination) |
| Applications: | Injection Molding - including hot runners Extrusion - profile, sheet, cast film & compounding |
| Types of Resin: | Purging to and from polypropylene-based 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: | Insoluble for organic solvent under normal temperature |
| 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 CP 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-CP
Revised: 8/1/2020

Key Measurements

Value

| | |
|---------------------------|---------------------------------|
| Specific Gravity: | 1.35 at 23°C (73°F) |
| Softening Point: | 154°C to 164°C (309°F to 327°F) |
| Flashpoint: | 330°C (626°F) |
| Autoignition Temp: | 390°C (734°F) |

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