

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: 04/01/2023

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.