

ASACLEAN™

PURGING COMPOUND

TECHNICAL DATA SHEET

NCR GRADE

Chemical Purging Compound for Extrusion & Injection Molding

Packaging



NCR Grade is available in:

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



PICTURED: Close-up of NCR Grade

Description & Benefits

- High performance general purpose grade
- Designed for color & material changes
- Strong cleaning action in extrusion
- Ideal for applications involving low flow or low pressure environments where foaming action is critical
- Heat-activated
- Polyethylene-based purge
- Effective when used for shutdown and sealing to prevent buildup
- Short soak for maximum effectiveness

Usage Information

| | |
|---------------------------|----------------------------------------------------------------------------------------------------------------|
| Temperature Range: | 175°C to 360°C (345°F to 680°F) |
| Minimum Clearance: | No minimum hot runner gate clearance requirement nor extrusion die or mesh clearance requirement. |
| Amount of Purge: | Typically 1-2 system capacities (actual amount depends on degree of contamination) |
| Applications: | Extrusion - profile, sheet, cast film & compounding Injection Molding - including hot runners |
| Types of Resin: | Most commodity and engineering grade resins within the processing temperature range |

Physical & Chemical Properties

| | |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Physical Form: | Solid |
| Shape: | Pellets |
| Color: | Transparency and white are mixed |
| 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 NCR Grade to reside in barrel for more than 30 minutes at temperatures higher than 300°C (570°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-NCR
Revised: 8/1/2020

Key Measurements

Value

| | |
|---------------------------|---------------------|
| Specific Gravity: | 1.07 at 23°C (73°F) |
| Softening Point: | 120°C (248°F) |
| Flashpoint: | >360°C (680°F) |
| Autoignition Temp: | 400°C (752°F) |

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