

ASACLEAN™

PURGING COMPOUND

TECHNICAL DATA SHEET

NCH GRADE

Chemical Purging Compound for Extrusion & Injection Molding

Packaging



NCH Grade is available in:

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



PICTURED: Close-up of NCH Grade

Description & Benefits

- High performance, mechanical/chemical hybrid grade
- Preferred grade for extrusion blow molding applications
- Ideal for applications involving low flow or low pressure environments where foaming action is critical
- Designed for color & material changes
- Strong cleaning action in extrusion
- Polyethylene-based purge
- Effective when used for shutdown and sealing to prevent buildup
- Shorter soak cycle than other chemical grades

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 - blow molding, profile, sheet, cast film & compounding Injection Molding
Types of Resin:	Most high viscosity 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 NCH 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-NCH
Revised: 2/1/19

Key Measurements

Value

Specific Gravity:	0.90 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.