

ASACLEAN™ PURGING COMPOUND

TECHNICAL DATA SHEET

NH GRADE

Mechanical Purging Compound for Injection Molding & Extrusion

Packaging



NH Grade is available in:

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



PICTURED: Close-up of NH Grade

Description & Benefits

- Ideal for injection blow molding
- Injection molding hot runner cleaning
- Non-abrasive, non-agglomerating polishing filler
- Glass-filled grade
- Suitable for difficult color & material changes
- No chemical reaction
- No soak time required

Usage Information

Temperature Range:	180°C to 330°C (355°F to 625°F)*
Minimum Clearance:	Requires a 0.75mm (0.030") clearance for hot runner gates and extrusion dies.
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:	Most commodity and engineering grade 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 NH Grade to reside in barrel for ANY period of time at ANY temperature.

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-NH
Revised: 04/01/2023

Key Measurements

Value

Specific Gravity:	1.24 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.