

# ASACLEAN™ PURGING COMPOUND

## TECHNICAL DATA SHEET

### NB GRADE

Mechanical Purging Compound for Injection Molding & Extrusion

#### Packaging



- NB Grade is available in:
- 250 lb. poly-bags (pictured above)
  - 1,500 lb. gaylords



PICTURED: Close-up of NB Grade

#### Description & Benefits

- Mechanical purge with enhanced foaming action
- Polyethylene-based purge
- Designed for color & material changes
- Strong cleaning action in extrusion
- Ideal for extrusion
- Useful for sealing prior to shutdowns
- No soak time required

#### Usage Information

<b>Temperature Range:</b>	180°C to 330°C (355°F to 625°F)
<b>Minimum Clearance:</b>	No minimum hot runner gate clearance requirement nor extrusion die or mesh clearance requirement.
<b>Amount of Purge:</b>	Typically 1-2 system capacities (actual amount depends on degree of contamination)
<b>Applications:</b>	<b>Injection Molding</b> - including hot runners <b>Extrusion</b> - profile, sheet, blow molding, cast film & compounding
<b>Types of Resin:</b>	Most commodity and engineering grade resins within the processing temperature range

#### Physical & Chemical Properties

<b>Physical Form:</b>	Solid
<b>Shape:</b>	Pellets
<b>Color:</b>	Transparency and white are mixed
<b>Water Solubility:</b>	Insoluble
<b>Other Solvent Solubility:</b>	Insoluble for organic solvent under normal temperature
<b>Stability:</b>	Stable under normal temperatures
<b>Reactivity:</b>	Non-reactive under normal handling and storage conditions
<b>Conditions to Avoid:</b>	Do not exceed recommended temperature range. Do not allow ASACLEAN NB 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](http://asaclean.com) or call 800.787.4348 to speak with a purging expert.

Form #: TDS-NB  
Revised: 2/1/19

#### Key Measurements

#### Value

<b>Specific Gravity:</b>	0.82 at 23°C (73°F)
<b>Softening Point:</b>	120°C (248°F)
<b>Flashpoint:</b>	>360°C (680°F)
<b>Autoignition Temp:</b>	400°C (752°F)

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