ASACLEAN™ PURGING COMPOUND

TECHNICAL DATA SHEET

NC GRADE

Mechanical Purging Compound for Injection Molding & Extrusion

Packaging

NC Grade is available in:

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

PICTURED: Close-up of NC Grade

Description & Benefits

- Designed for color & material changes
- Polyethylene-based purge
- Superior cleaning value
- Effective scrubbing and heat-activated expansion removes deposits
- Suitable for extrusion
- No soak time required
- Can be used for shutdown and sealing

Usage Information

Temperature Range:	180°C to 330°C (355°F to 625°F)
Minimum Clearance:	Please speak to a Technical Sales Representative for further information on hot runner gate and extrusion die clearances
Amount of Purge:	Typically 1-2 system capacities (actual amount depends on degree of contamination)
Applications:	**Injection Molding** - including hot runners **Extrusion** - profile, sheet, blow molding, 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:	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 NC 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-NC
Revised: 04/01/2023

Key Measurements	Value
Specific Gravity:	0.96 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.