

ASACLEAN™

PURGING COMPOUND

TECHNICAL DATA SHEET

PLUS GRADE

Purging Concentrate for Extrusion & Injection Molding

Packaging



PLUS Grade is available in:

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



PICTURED: Close-up of Plus Grade

Description & Benefits

- Heat-activated concentrate ideal for hot runners and low flow areas
- Extremely effective compatibility with all resins
- Excellent cleaner with low-residue formula
- Matches MFR of your processing resins
- Conveniently recyclable
- Tailor purging power using concentrate ratio based on your needs
- Leads to significant savings on shipping and storage
- Excels in molding, extrusion, & blow molding

Usage Information

Temperature Range:	175°C-360°C (345°F-680°F)
Minimum Clearance:	Please speak to a Technical Sales Representative for further information on hot runner gate and extrusion die clearances.
Amount of Purge:	The optimum loading is 20% of ASACLEAN PLUS mixed with production resin of choice. If production resins are not desirable you can use it as a blend with any low melt olefin such as HDPE or PP
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:	Milky white 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 allow ASACLEAN PLUS grade to be left idle in barrel for more than 30 minutes at temperatures higher than 300°C (570 °F). Do not feed only ASACLEAN PLUS in barrel. It is designed to be used as a mixture with production resin and not by itself in the barrel. Do not exceed recommended temperature range.

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-PLUS
Revised: 3/5/2024

Key Measurements

Value

Specific Gravity:	1.33 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.