

ASACLEAN™ TECHNICAL DATA SHEET

PURGING COMPOUND

E GRADE

Mechanical Purging Compound for Injection Molding & Extrusion

Packaging



E Grade is available in:

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



PICTURED: Close-up of E Grade

Description & Benefits

- Designed for residue-sensitive and low-temperature resins
- Can be used as a chaser during difficult changeovers
- Styrenic-based mechanical purge
- Ideal for clear applications
- Low residue purge
- No chemical reaction
- No soak time required

Usage Information

Temperature Range:	160°C to 300°C (320°F to 570°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:	Injection Molding - including hot runners Extrusion - profile, sheet, & cast film
Types of Resin:	Most commodity & engineering resins within the processing temperature range, particularly clear and low-temperature resins

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 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 E Grade to reside in barrel for more than 30 minutes at temperatures higher than 280°C (535°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-E
Revised: 03/05/2024

Key Measurements

Value

Specific Gravity:	1.06 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.