

ASACLEAN™ PURGING COMPOUND

TECHNICAL DATA SHEET

U GRADE

Mechanical Purging Compound for Injection Molding & Extrusion

Packaging



U Grade is available in:

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



PICTURED: Close-up of U Grade

Description & Benefits

- Ideal for color/material changes
- Safe for hot runner systems
- Optimized for shutdown & sealing
- Removes carbon contamination
- High performance/general purpose grade
- Styrenic-based mechanical purge
- No chemical reaction
- No soak time required

Usage Information

Temperature Range:	180°C to 330°C (355°F to 625°F)*
Minimum Clearance:	0.5 mm (.020") for hot runner gates & extrusion dies; for extrusion screen packs, nothing finer than 100-mesh screen packs may be used.
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 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 U 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-U
Revised: 04/01/2023

Key Measurements

Value

Specific Gravity:	1.25 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.