

# ASACLEAN™ U GRADE

## Purging Compound for thermoplastic injection molding and extrusion applications



- Ideal for color/material changes
- Safe for hot runner systems
- Optimized for shutdown & sealing
- Removes carbon contamination
- High performance/general purpose
- Styrenic-based mechanical purge

*U Grade's cleaning power approaches that of our strongest scrubber, EX Grade, but without the glass filler. It is ideal for applications that require higher detergency while maintaining lower residue.*

### RESINS PURGED:

Most commodity and engineering resins within the processing temperature range.

**Processing Temperature:**  
**180°C to 330°C**  
**(355°F to 625°F)\***

\* If processing between 330°C-360°C (625°F-680°F), local ventilation is required.

U Grade requires a minimum 0.5mm (0.020") clearance for hot runner gates and extrusion dies; for extrusion screen packs, nothing finer than 100-mesh screens may be used.

**Tips when using ASACLEAN:**



- ASACLEAN U Grade does not work by chemical reaction.
- No soak time or hold-up time is required for an effective purge.
- For maximum performance, ASACLEAN should not be diluted with other materials.
- ASACLEAN works best with maximum agitation. Use the maximum safe screw speed and for injection molding also use maximum safe back pressure with the screw in the most forward position.

A P P L I C A T I O N S	Color Changes	✓
	Material Changes	✓
	Hot Runner Cleaning	✓
	Shutdown / Sealing	✓
	Pre-Maintenance Cleaning (Screw Pull)	
	Clear / Low Residue Applications	
	Low Temperature Resins	
	High Temperature Resins	
Carbon / Color Contamination	✓	

**U**

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## ▶ Usage Example: Nylon color change

The photo series below shows purge piles from black to natural Nylon color changes with and without the use of **ASACLEAN U Grade**.

### WITHOUT ASACLEAN

[Machine: 200-ton injection molding machine at 276°C (530°F) - Total purge time: 30 minutes]

Purge piles shown are in 5-minute intervals.



### WITH ASACLEAN

[Machine: 200-ton injection molding machine at 276°C (530°F) - Total purge time: 10 minutes]



**ASACLEAN™**

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Call (800) 787-4348 For a **FREE** Sample

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Sun Plastech Inc. manufactures and distributes ASACLEAN™ Purging Compound, a respected name in over 70 countries around the world. Established in 1996, the company serves thermoplastic injection molders and extruders across North and South America. Sun Plastech is backed by the technology and resources of its parent company, one of the world's leading chemical companies, Asahi Kasei Corp. Asahi Kasei is an ISO9001 and ISO14001 certified company. Please read our Safety Data Sheet (SDS) before using Asaclean.