

# ASACLEAN™ UF2 GRADE

## Purging Compound for thermoplastic injection molding and extrusion applications

- Suitable for both blown and cast film extrusion applications as well as injection molding
- Can be purged through die without removing it
- Effectively removes gels and contamination that is not carbonized
- Excellent compatibility with PE resins

### RESINS PURGED:

Purging to and from polyethylene-based resins within the processing temperature range.

**Processing Temperature:**  
**170°C to 320°C**  
**(340°F to 610°F)**

UF2 Grade requires 0.0004" (0.01 mm) clearance for hot runner gates and extrusion dies; 200-mesh is required for extrusion screen packs when only 1 layer of mesh is used.

**Tips when using ASACLEAN:**

- ASACLEAN UF2 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.

### APPLICATIONS

Color Changes

UF2



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

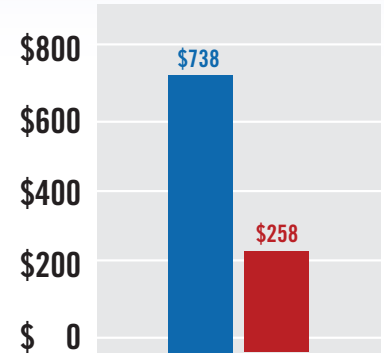
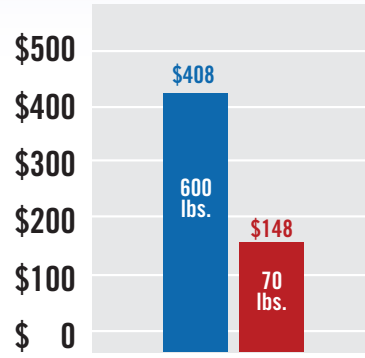
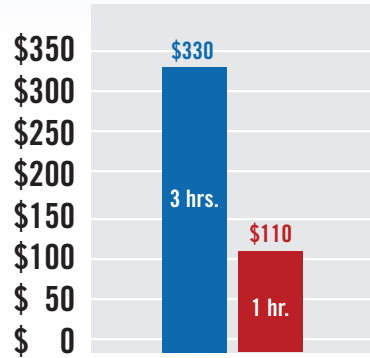
# Purging Compound for thermoplastic injection molding and extrusion applications

UF2 GRADE

## Usage Example: Polyethylene Color Change - Extrusion

|                      |                           |            |                             |                       |
|----------------------|---------------------------|------------|-----------------------------|-----------------------|
| <b>Black PE</b>      |                           | CHANGED TO | <b>Natural PE</b>           |                       |
| Machine Size<br>4.5" | Barrel Capacity<br>50lbs. | →          | Current Purge<br>Next Resin | ASACLEAN Grade<br>UF2 |

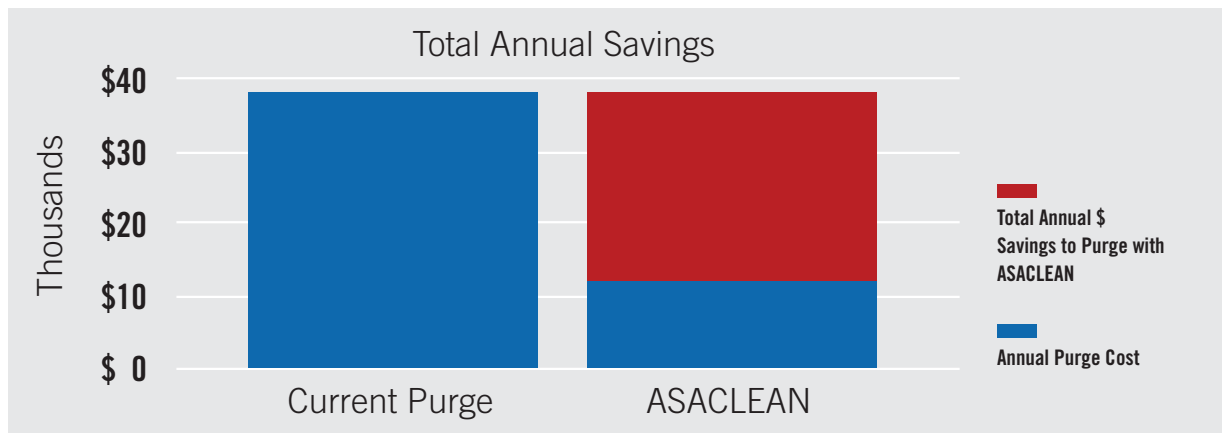
Current Purge ■ ASACLEAN ■



**Cost Savings Using ASACLEAN Per Purge**

**\$479.60**

**65%**



|                     | <b>Current Purge</b> | <b>ASACLEAN</b> |
|---------------------|----------------------|-----------------|
| Total Cost to Purge | \$ 738               | \$ 258          |
| Changeovers / Day   |                      | 1               |
| No. of Days / Week  |                      | 1               |
| No. of Weeks / Year |                      | 48              |
| Annual Purge Cost   | \$ 35,424            | \$ 12,403       |

**Total Annual \$ Savings to Purge with ASACLEAN**

**\$23,020**

**ASACLEAN™**

AsahiKASEI

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

For Outside USA / Canada (973) 257-1999 • Para llamar desde Mexico, marque 01-800-681-1836

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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.