

# ASACLEAN™ PF GRADE

## Purging Compound for thermoplastic injection molding and extrusion applications

PF  
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- High Temperature
- Superior Cleaning Power (Compared to SX Grade)
- Suitable for Hot Runner Cleaning
- Can Be Used for Sealing
- Excellent Thermal Stability at High Processing Temperatures

### Resins Purged:

Exclusively used for purging super-engineering resins such as PPS, PEI.

**Processing Temperature:**  
**280°C to 420°C**  
**(535°F to 790°F)**

PF Grade requires 0.5 mm (0.020") clearance for hot runner gates and extrusion dies; works best if screen packs are removed, however, if not possible use the maximum 100 mesh size.

### Tips when using ASACLEAN:

- ASACLEAN PF 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.
- 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		

**PF**

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- ▶ **ASACLEAN PF Grade** is specifically formulated for super-engineering resins at processing temperatures of up to 420°C (790°F). PF Grade is suitable for Hot Runner cleaning. PF can be used as a Sealing material during machine shutdowns within the temperature ranges of 280-370°C (535-700°F) due to its superior thermal stability.

#### [Application Example]

PF Grade is used to clean PEI (Black). Amount of ASACLEAN used 500g (17.6 oz.)\*

Injection Molding Machine: 50-ton, Barrel Temperature: 380°C (720°F)

\* The above values are obtained from our laboratory tests and should be used as reference only.



#### Tips for purging with ASACLEAN PF Grade:

- ASACLEAN PF Grade should not be left idle in the machine at temperatures above 370°C (700°F) for any period of time.
- For nozzle hang-up or check ring cleaning (carbon and/or color deposits), use short, high-velocity shots.
- When using as a Sealing material during machine shutdowns, please follow the temperature guidelines of 280°-370°C (535°-700°F). If not certain, please contact us.

**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.