

ASACLEAN™ HP GRADE

Purging Compound for thermoplastic injection molding and extrusion applications

- Polypropylene-Based
- Higher Melt Flow *(Compared to ASACLEAN UP Grade)*
- For Color Changes for Large Parts *(Machines larger than 450-ton)*
- Moldable - Suitable for High Cavitation Hot Runner Cleaning

RESINS PURGED:

Purging to and from polypropylene-based resins within the processing temperature range of the HP Grade stated below.

Processing Temperature:
170°C to 300°C
(340°F to 570°F)

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

Tips when using ASACLEAN:

A P P L I C A T I O N S		HP
	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		

- ASACLEAN HP 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.

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▶ Usage Example: Polypropylene color change

The photos illustrate a comparison of polypropylene color changes with and without **ASACLEAN HP Grade**. Both are purged through a hot runner mold (Closed Mold Method).

Machine size: 3000-ton. PP Black to PP Beige. Molded Part: 2.2kg (4.85lbs)/shot.

WITHOUT ASACLEAN - Using next production resin



31 shots are required to complete the color change



WITH ASACLEAN



15 shots are required to complete the color change
(7 shots ASACLEAN and 8 shots next resin to displace ASACLEAN)



ASACLEAN™

AsahiKASEI

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.