



## UP Grade

AsahiKASEI

Mechanical Purging Compound for Injection Molding & Extrusion

### Packaging



UP Grade is available in :  
20kg bags (pictured above)



PICTURED: Close-up of UP Grade

### Product Safety

Refer to SDS  
for more information

### Key Measurements

Specific Gravity	1.09 at 23°C
Softening Point	154°C to 164°C



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<https://www.asahikasei.co.jp/asaclean/en/>

### Description & Benefits

- **Special grade for PP**
  - \* Excellent compatibility to PP
  - \* Easily displace by PP
  - \* Can be ideally used for PE as well
- **Fast color/material change of PP**
- **Removes carbon contamination**
- **Optimized for shutdown & sealing**
- **Mechanical purge (No chemical reaction)**

### Usage Information

Temperature Range :	<b>170°C to 300°C</b>
Applicant:	<b>Injection Molding - including hot runners</b> <b>Extrusion - profile, sheet, blown film, compounding</b>
Types of Resin:	Purging to and from <b>PP-based resins</b> within the processing temperature range.
Amount of Purge:	Typically 1-2 system capacities (actual amount depends on degree of contamination)
Minimum Clearance:	Requires 0.5 mm clearance for hot runner gates and extrusion dies; for extrusion screen packs, nothing finer than 100-mesh screen packs may be used.
Soaking Time:	Not required

\* Detailed instruction may vary to optimize your purging process.

### Physical & Chemical Properties

Pellet color:	Milky white
Base resin:	Olefinic resin
Inorganic additives:	Less than 40%
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 UP Grade to reside in barrel for more than 30 minutes at temperatures higher than 280°C