

# ASACLEAN™

Purging compound

## TECHNICAL DATA SHEET



### CP Grade

AsahiKASEI

Mechanical Purging Compound for Injection Molding & Extrusion

#### Packaging



CP Grade is available in :  
25kg bags (pictured above)



PICTURED: Close-up of CP Grade

#### Product Safety

Refer to SDS  
for more information

#### Key Measurements

Specific Gravity	1.23~1.44
Softening Point	154°C to 164°C

Visit our website  
for  

- News/Events
- SDS
- Training videos



<https://www.asahi-kasei.co.jp/asaclean/en/>

Issued : July 2021

#### Description & Benefits

- **Cost-friendly basic grade for PP**
  - \* High 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</b> - including hot runners <b>Extrusion</b> - profile, sheet, blown film, compounding
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 – light gray
Base resin:	Olefinic resin
Inorganic additives:	More 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 CP Grade to reside in barrel for more than 30 minutes at temperatures higher than 280°C

Information in this document is subject to change without notice and it should be used for reference only.

AsahiKASEI Corporation