



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



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<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 :	170°C to 300°C
Applicant:	Injection Molding - including hot runners Extrusion - profile, sheet, blown film, compounding
Types of Resin:	Purging to and from PP-based resins 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.