



U Grade

AsahiKASEI

Mechanical Purging Compound for Injection Molding & Extrusion

Packaging



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



PICTURED: Close-up of U Grade

Product Safety

Refer to SDS
for more information

Key Measurements

Specific Gravity	1.25 at 23°C
Softening Point	130°C



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

Issued : August, 2020

Description & Benefits

- **High-performance grade**
 - * Meet high cleaning power without glass fiber
- **Suitable for general purpose use**
 - * Ideal for most commodity and engineering resins
 - * Fast color/material change
 - * Remove carbon contamination
 - * Can be purged thorough hot runner
 - * Available for shutdown & sealing
- **Mechanical purge (No chemical reaction)**

Usage Information

Temperature Range :	180°C to 330°C
Applicant:	Injection Molding - including hot runners Extrusion - compounding, profile
Types of Resin:	Most commodity and engineering 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.
Soak time:	Not required

* Detailed instruction may vary to optimize your purging process.

Physical & Chemical Properties

Pellet color:	Milky white – light yellow
Base resin:	Styrenic resin
Inorganic additives:	Less than 30%
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 U 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.