ASACLEAN™

Purging compound

TECHNICAL DATA SHEET

GL3 Grade

AsahiKASEI

Upgrade Version of Asaclean GL2 grade

Mechanical Purging Compound for Injection Molding & Extrusion

Packaging

GL3 Grade is available in :
20kg bags (pictured above)

PICTURED: Close-up of GL3 Grade

Product Safety

Refer to SDS
for more information

Key Measurements

Specific Gravity	1.38～1.58
Softening Point	130℃

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- **SDS**
- **Training videos**

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

Description & Benefits

- **High-performance grade**
  - * 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℃ to 330℃**
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:	Light gray
Base resin:	Styrenic 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 GL3 Grade to reside in barrel for more than 30 minutes at temperatures higher than 280℃

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AsahiKASEI Corporation