



### RE Grade

AsahiKASEI

Mechanical Purging Compound for Injection Molding & Extrusion

#### Packaging



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



PICTURED: Close-up of RE Grade

#### Product Safety

Refer to SDS  
for more information

#### Key Measurements

|                  |           |
|------------------|-----------|
| Specific Gravity | 1.03~1.10 |
| Softening Point  | 130°C     |



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

Issued : March 2025

#### Description & Benefits

- **Low residue grade**
  - \* Ideal for transparent or unreinforced application
  - \* Excellent chaser to RX grade to ensure maximum cleaning with minimum residue
- **Suitable for low-temperature resins**
- **Fast color/material change**
- **Optimized for shutdown & sealing**
- **Mechanical purge (No chemical reaction)**

#### Usage Information

|                     |                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Temperature Range : | <b>160°C to 300°C</b>                                                                                                                                   |
| Applicant:          | <b>Injection Molding</b> - including hot runners<br><b>Extrusion</b> - profile, sheet, blown film, compounding                                          |
| Types of Resin:     | <b>Most commodity and engineering resins</b> within the processing temperature range, particularly transparent, unreinforced or low-temperature resins. |
| Amount of Purge:    | Typically 1-2 system capacities<br>(actual amount depends on degree of contamination)                                                                   |
| Minimum Clearance:  | No minimum hot runner gate clearance requirement nor extrusion die or mesh clearance requirement.                                                       |
| Soaking 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: | Not intentionally used                                                                                                                                        |
| Stability:           | Stable under normal temperatures                                                                                                                              |
| Reactivity:          | Non-reactive under normal handling and storage conditions                                                                                                     |
| Conditions to avoid: | Do not exceed recommended temperature range.<br>Do not allow ASACLEAN RE 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.