ASACLEAN™
Purging compound

TECHNICAL DATA SHEET

UF2 Grade

AsahiKASEI

Mechanical Purging Compound for Injection Molding & Extrusion

Packaging

UF2 Grade is available in :
20kg bags (pictured above)

PICTURED: Close-up of UF2 Grade

Product Safety

Refer to SDS
for more information

Key Measurements

Specific Gravity	0.95 at 23℃
Softening Point	130℃ to 135℃

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Description & Benefits

● **Special grade for PE film/sheet**
  * Excellent compatibility to PE
  * Can be purged through die without removing it
● **Low residue purge**
  * Ideal for transparent or unreinforced application
  * Excellent chaser to newEX grade to ensure maximum cleaning with minimum residue
● Fast color/material change of PE
● Removes gels and contamination that is not carbonized
● Optimized for shutdown & sealing

Usage Information

Temperature Range :	**170℃ to 320℃**
Applicant:	**Extrusion** - sheet, blown film, profile, compounding **Injection Molding - including hot runners**
Types of Resin:	Purging to and from **PE-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.
Soak Time:	Not required

* Detailed instruction may vary to optimize your purging process.

Physical & Chemical Properties

Pellet color:	Transparency and white are mixed
Base resin:	Olefinic resin
Inorganic additives:	Less than 10%
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 UF2 Grade to reside in barrel for more than 30 minutes at temperatures higher than 280℃

AsahiKASEI Corporation