

ASACLEAN™ PURGING COMPOUND

TECHNICAL DATA SHEET

UF2 GRADE

Mechanical Purging Compound for Injection Molding & Extrusion

Packaging



- UF2 Grade is available in:
- 250 lb. poly-bags (pictured above)
 - 1,500 lb. gaylords



PICTURED: Close-up of UF2 Grade

Description & Benefits

- Suitable for blown/cast film extrusion applications
- Can be purged through die without removing it
- Excellent compatibility with PE resins
- Effectively removes gels and contamination that is not carbonized
- Cleaning for polyethylene color/material changes
- Holds a bubble in blown-film
- No chemical reaction
- No soak time required

Usage Information

Temperature Range:	170°C to 320°C (340°F to 610°F)
Minimum Clearance:	Requires 0.01 mm (0.0004") clearance for hot runner gates and extrusion dies; 200-mesh is required for extrusion screen packs when only 1 layer of mesh is used.
Amount of Purge:	Typically 1-2 system capacities (actual amount depends on degree of contamination)
Applications:	Injection Molding - including hot runners Extrusion - profile, sheet, blown film, cast film & compounding
Types of Resin:	Purging to and from polyethylene-based resins within the processing temperature range

Physical & Chemical Properties

Physical Form:	Solid
Shape:	Pellets
Color:	Transparency and white are mixed
Water Solubility:	Insoluble
Other Solvent Solubility:	Insoluble for organic solvent under normal temperature
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°C (535°F).

Product Safety

Refer to Safety Data Sheets for more information

Have a Question? Visit asaclean.com or call 800.787.4348 to speak with a purging expert.

Form #: TDS-UF2
Revised: 8/1/2020

Key Measurements

Value

Specific Gravity:	0.95 at 23°C (73°F)
Softening Point:	130°C to 135°C (266°F to 275°F)
Flashpoint:	380°C (716°F)
Autoignition Temp:	400°C (752°F)

Please Note: The above data should be used for reference only.