



ADVAPAK™ S-1100

Multi-functional Lubricating Stabilizer for Injection Molded Products

Description

- Multifunctional lubricating stabilizer for injection molded products such as pipe fittings
- Replaces all stabilizer and lubricants including oxidized polyethylene
- Yields more homogeneous compounds
- 100 percent solid system
- Free-flowing EZ-FLO™ bead form

ADVAPAK S-1100 multifunctional additive is the latest development in one-pack technology Injection Molded fittings. ADVAPAK S-1100 is a solid lubricating stabilizer designed for the rheological and thermal stability demands of standard molding process. ADVAPAK S-1100 additive is designed to provide the total lubrication and stabilization requirements, including that of oxidized polyethylene for

Typical Physical Properties

Form	Pellets
Dropping Point	106.4 °C
Bulk Density	564g/L
Specific Gravity @ 25°C	1.05

Product Specifications

The name ADVAPAK S-1100 covers a family of products developed for specific customer applications. Specifications are based on the custom formulation and are product specific. Ask your sales representative for details.

Standard Packaging

1000 pound kg corrugated carton, palletized

Applications & Features

1. Designed for optimum Vinyl injection molding of pipe fittings at typical use levels of 3.0 - 4.0 phr.
2. Offers simplified inventory control, and additive handling by reducing the number of microingredients in the compound. Minimizes weighing errors.
3. ADVAPAK S-1100 additive consistently furnishes uniform powder blends due to its excellent dispersion properties.
4. Provides excellent stability so that regrind can be converted to other accessories.

Storage

Store in cool, dry area. ADVAPAK S-1100 contains compounds protected under the following U.S. Patent(s): 4062881 and 4701486.

Handling

- Use adequate ventilation
- Wear rubber gloves
- Wear eye protection

In case of contact with eyes, flush with water and get medical attention. Refer to the Material Safety Data Sheet for complete information.

Toxicity

Although ADVAPAK S-1100 additive poses no unusual problems, it contains an ORGANOTIN COMPOUND. It should be handled with the same care as other chemical additives. Avoid contact with skin and eyes. Avoid prolonged breathing of dust and vapors.



PLASTICS ADDITIVES

VINYL PIPE FITTING FORMULATION - TYPE 1

Ingredient	Component	ADVAPAK S-1100
PVC (K=65 to 68)	100.0	100.0
PARALOID K-120ND (Processing Aid)	1.0	1.0
PARALOID K-175 (Processing Aid)	0.5	0.5
PARALOID BTA-753 (Impact Modifier)	1.0	1.0
TiO ₂	1.0	1.0
Calcium Carbonate	5.0	5.0
Calcium Stearate	1.2	—
Paraffin Wax (165 °F)	1.0	—
Oxidized Polyethylene	0.1	—
ADVASTAB™ TM-281 SP	1.5	—
ADVAPAK S-1100	—	3.6

VINYL PIPE FITTING FORMULATION - TYPE 2

Ingredient	Component	ADVAPAK S-1100
PVC (K=65 to 68)	100.0	100.0
PARALOID K-120ND	1.0	1.0
PARALOID K-175	0.5	0.5
PARALOID BTA-753	3.0	3.0
TiO ₂	1.0	1.0
Calcium Carbonate	3.0	3.0
Calcium Stearate	1.2	—
Paraffin Wax (165 °F)	1.0	—
Oxidized Polyethylene	0.15	—
ADVASTAB™ TM-281 SP	1.0	—
ADVAPAK S-1100	—	3.5

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