

# PRODUCT DATA SHEET

## Omega-Purge

### Purging Emulsion Liquid

#### Features :

- Complex fatty acids based Formulation.
- Water based Milky Emulsion Liquid
- Acts as a Cleaning Agent & Wetting agent
- Acts as a Lubricant
- Non- Flammable, Non- Toxic, Non- Hazardous
- Odourless
- No negative effects on the machine.
- Easy-feeding & Handling

#### Product Description :

Proprietary Water Based Complex Formulation of different and/or modified fatty acids with Modifying Agents.

#### Physical Properties :

|                  |                     |
|------------------|---------------------|
| Active Solids    | : @9%               |
| Color            | : Milky White       |
| Specific gravity | : @1.069 @27°C      |
| Flash point      | : Non-Flammable     |
| pH               | : 7.5 - 9           |
| Shelf life       | : Minimum 15 months |

#### Application Area:

To Clean the Barrel & Screw in Injection, Extrusion & Blow Molding

Not suitable for PVC

- Vapours generated while purging are "Water Vapours" and are NON-TOXIC, NON-HAZARDOUS. There is NO harm to Operators or equipments.
- Purged Polymer having Omega-Purge can be reused for again molding and/or Purging process.

Store under the shed and preferably in cool area.  
Avoid contact from direct heat.

#### Application Instructions :

1. We suggest to use either PP or HDPE polymer either virgin or re-grind.
2. The minimum operating temperature range of the machine should be 200°C - 250°C
3. While Purging, reduce the screw RPM up to 50%
4. Take double the quantity of polymer needed to fill the Extruder / Injection barrel, or half the quantity than normally being used.
5. Omega-Purge is effective within range of 2% - 4% on the basis of weight of the Polymer / Regrind.
6. We recommend to start an evaluation at 3% - i.e. 30ml of Omega-Purge in One kg of the Polymer.

Depending upon the requirement of Cleaning, adjust the dosage within above range.



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