

DAIKIN PPA DA-7200

Polymer Processing Aids for Thermoplastic Resins

Introduction

Daikin Industries, Ltd., the world's leading manufacturer of fluoro-elastomers, has developed a new polymer processing additive, DAIKIN PPA DA-7200, for thermoplastic resins. DAIKIN PPA DA-7200 eliminates melt fracture, reduces die-build up, reduces die pressure, reduces extrusion temperature, and increases the output of main resin. It is a white pellet made of fluoropolymer. DAIKIN PPA DA-7200 lubricates the inside of the die wall with a coating to decrease the friction between melted resin and the die wall.

Physical Properties

Form	White pellet
Active Ingredient	100% (Fluoropolymer)
Bulk density	1.7g/cm ³

Note: The data shown above is not intended as a specification sheet for DAIKIN PPA DA-7200.

Benefits / Features

- Eliminate melt fracture and die-build up
- Reduce die pressure and extrusion temperature
- Increase output
- Provide PPA effect faster than other equivalent grades

Guideline for use

Typical levels of use of DAIKIN PPA DA-7200 are 100 to 1000 ppm in PE during film extrusion (300 ppm on standard use). To achieve this level on industrial conditions, production of masterbatch is necessary. It is recommended to produce masterbatch containing between 2 to 5% of DAIKIN PPA DA-7200 (preferably 3%). When a masterbatch containing 3% is used, the level of PPA masterbatch in PE is about 1%.

Food Contact

DAIKIN PPA DA-7200 complies with United States Food and Drug Administration amended 21 CFR 177.1520 when used at levels not to exceed 0.21 % of DAIKIN PPA DA-7200 or 0.2% of the fluoropolymer. The polyolefins containing DAIKIN PPA DA-7200 may be used only for conditions A through H, in table 2, 21 CFR 176.170. It is the sole responsibility of the user to determine whether the use of DAIKIN PPA DA-7200 in a particular application is suitable and complies with applicable laws and regulations.

Handling / Safety

Although DAIKIN PPA DA-7200 presents no safety hazard under normal processing conditions; please refer to the Safety Data Sheet to avoid potential hazards before beginning processing operations.

Storage

Please refer to the Safety Data Sheet for storage information and always keep DAIKIN PPA DA-7200 in a dry place at temperatures below 27 °C (80°F).

Packaging

Net 20kg
Carton box

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