

Additives

DAIKIN PPA DA-310ST

 TECHNICAL
DATASHEET

An additive for polyolefin resin with reducing die pressure and improving line speed.

Introduction

- Developed for processing of polyolefin resins (LLDPE, LDPE, HDPE, PP etc.) and suitable for **various resins**.
- Coating extrusion equipment decreases the friction between the polymer melt and the die wall.
- **Reducing die pressure** can **eliminate melt fracture** and **die-build up**.
- **Lower extrusion temperature** can be applied and simultaneously **improve line speed**.

General physical properties

| Items | Physical properties | Test method |
|--------------------|-----------------------|-----------------|
| Appearance | White powder | Visual |
| Active Ingredient | 90 % | Internal method |
| Partitioning Agent | 10 % (inorganic) | Internal method |
| Particle Size | 450 μm | ISO 2591-1 |
| Bulk Density | 1.0 g/cm ³ | ISO 60 |

* The above numeric values are representative and not guaranteed.

Handling method/Safety information

- Be sure to read the notes on SDS and labels before use.
- This product is intended for general industry, and therefore its adequacy and safety as a raw material for medical purposes cannot be guaranteed.
- Daikin PPA DA-310ST may be used as an extrusion aid at levels not to exceed 0.2% by weight for the olefin polymers specified in FDA regulation 21 CFR 177.1520. The finished polymer may be used only under the conditions of use B through H. All the components in Daikin PPA DA-310ST are listed in Annex I of the Commission Regulation (EU) No 10/2011 of 14 January, 2011 on plastic materials and articles intended to come into contact with food (Plastics Regulation", as amended. It is the sole responsibility of the user to determine whether the use of Daikin PPA DA-310ST in a particular application is suitable and complies with applicable laws and regulations.

Packing specification

- 20kg

For more information, visit our website.

DAIKIN INDUSTRIES, LTD.

<https://www.daikinchemicals.com/>

tds-da-310st-E_ver02_Nov_2024

Copyright (C) DAIKIN INDUSTRIES, LTD., 2024