

PPA DA-910

Characteristics

Daikin PPA DA-910 is the latest generation of PPA. Eliminate melt fracture with 50% less material than with other products - as little as only 250 ppm required! Daikin PPA DA-910 generates a small drop size when incorporated into PE resin or masterbatch. This will allow one to use it in mono-layer, multi-layer and even laminated film without any gel formation. Setting a high standard to reduce die build up, Daikin PPA DA-910 even produces low levels of die build up during compounding and can be compounded with LDPE to produce a PPA masterbatch.

Properties*

Form	White powder
Active Ingredient	97%
Partitioning Agent	3% (inorganic)
Particle Size	Avg. 300 micron
Bulk Density	0.7g/cm ³

*Typical properties are not suitable for specification purposes.

Benefits/Features

- Eliminate melt fracture and die-build up.
- Reduce die pressure and extrusion temperature.
- Increase output.
- Tailored for MLLDPE and LLDPE rich blends.

Guideline for Use (General LLDPE Film Extrusion)

Typical levels of use of Daikin PPA DA-910 are 100 to 500 ppm in PE during film extrusion (250 ppm for standard use). To achieve this low additive level, production of a masterbatch is necessary. It is recommended to produce masterbatch containing between 1 – 2.5% of Daikin PPA DA-910 (preferably 2.5%). When a 2.5% load level masterbatch is used, the level of PPA masterbatch in PE is about 1% or 250 ppm in the finished product.

Food Contact

Daikin PPA DA-910 complies with United States FDA regulation 21 CFR 177.1520 when used at levels not to exceed 0.21%. The polyolefins containing Daikin PPA DA-310ST may be used only for conditions A through H, in table 2, 21 CFR 176.170. Daikin PPA DA-910 complies with Regulation (EC) No 1935/2004 on materials and articles intended to come into contact with food and with Commission Regulation (EU) No 10/2011 of 14 January, 2011 on plastic materials and articles intended to come into contact with food. It is the sole responsibility of the user to determine whether the use of Daikin PPA DA-910 in a particular application is suitable and complies with applicable laws and regulations.

Handling/Safety

Although Daikin PPA DA-910 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-910 in a dry place at temperatures below 27 °C (80°F) to avoid agglomeration.

Packaging

Net 20kg

Carton box (dimension 341 mm x 304mm x 314mm)

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