

DAI-EL® PPA DA-810X

Polymer Processing Additive for Thermoplastic Resins



As a processing aid DA-810X eliminates melt fracture, reduces extrusion melt temperature and die head pressure and increases the output of polyethylene. DAI-EL® PPA DA-810X decreases the friction between melted resin and the die wall by lubricating the die wall.

DAI-EL® Polymer Processing Additive DA-810X is a white powder fluoroelastmer designed for use at very low levels to improve processing of thermoplastics (LLDPE, LDPE, HDPE).

Benefits/Features:

- Eliminate melt fracture and die-build up
- Reduce die head pressure and extrusion melt temperature
- Excellent thermal stability for high temperature processing
- For use at very low PPA levels
- Offers performance and cost advantages

Physical Properties:

Form	White Powder
Active Ingredient	97%
Partitioning Agent	3% Inorganic
Particle Size	Avg. 500 micron
Bulk Density	62.4 lbs/ft ³

Note: The data shown above is not intended as specifications for DAI-EL® PPA DA-810X.

Guideline for use in LLDPE film Extrusion:

Typical levels of use of DAI-EL® PPA DA-810X are 100 to 1000 ppm in PE film extrusion. In order to achieve this level during processing, production of a masterbatch is necessary. It is recommended to produce masterbatch with loading level between 2 to 5% of DAI-EL® PPA DA-810X – preferably 5%.

Food Contact:

DAI-EL® PPA DA-810X complies with United States Food and Drug Administration amended 21 CFR 177.1520 when used at levels not to exceed 0.21% of DAI-EL® PPA DA-810X or 0.2% of the fluoropolymer (CAS 9011-17-0). The polyolefins containing DAI-EL® PPA DA-810X 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 DAI-EL® PPA DA-810X in a particular application is suitable and complies with applicable laws and regulations.

Storage:

Always keep DAI-EL® PPA DA-810X in a dry place at temperatures below 80°F (27°C) to avoid agglomeration. Please refer to the Material Safety Data Sheet for additional storage information.

Packaging:

Net 44 lbs Carton Box

DAI v. 01 (Jan 2013)



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