

BX Polymer Processing Aids (PPAs)

Introduction

Polymer Processing Aids are free-flowing additives made of modified fluoro-elastomer which improve processing of polyolefin resin at very low levels usage. BX Polymer Processing Aids are coated at the inside of the die wall and decrease the friction between melted resin and the die wall.

Features and Benefits

- Reduces or eliminates die build-up
- Excellent thermal stability for high temperature processing
- Ideal for use in high viscosity, high-molecular weight polyolefins
- Lowers apparent melt viscosity
- Speeds colorant change



Left- with PPA, Right- without PPA

PPA compare table

Baoxu	3M	Dakin
BX PPA 5911	Dynamar FX 5911	DA 310ST
BX PPA 5922	Dynamar FX 5922	
BX PPA 5920	Dynamar FX 5920	DA 910
BX PPA 5924	Dynamar FX 5924	DA 912

BX PPA 9613	Dynamar FX 9613	
BX PPA 9614	Dynamar FX 9614	
BX PPA 5922M	Dynamar FX 5922M	
BX PPA 5927M	Dynamar FX 5927M	
BX PPA 5929M	Dynamar FX 5929M	

PPA specifications

PPA item	Product Form	Bulk Density	Particle size/mesh	Application
BX PPA 5911	Free-flowing Granular	1.1	50	Wire& cable
BX PPA 5922	Free-flowing Granular	0.72	20	Blow film
BX PPA 5920	Free-flowing Granular	0.72	25	Blow & packaging film
BX PPA 5924	Free-flowing Granular	0.7	25	Blow film, wire & cable, cost effective
BX PPA 9613	Free-flowing Granular	0.6-0.8	< 10	Blow & packaging film
BX PPA 9614	Free-flowing Granular	0.6-0.8	< 10	Blow & packaging film
BX PPA 5922M	Free-flowing Granular	0.6-0.8	< 10	Blow film, wire & cable, cost effective
BX PPA 5927M	Free-flowing Granular	0.6-0.8	< 10	Blow film, wire & cable, cost effective
BX PPA 5929M	Free-flowing Granular	0.6-0.8	< 10	Blow film, wire & cable

Packing

20kg/Carton, 480kgs per pallet.

Production Capacity

3000MT/Year

Processing Guideline:

1. Typical dosage 0.02% -0.1%
2. Dispersion is critical for good performance
3. 20-60 minutes conditioning time
4. 2-5% concentration masterbatch to have good dispersion or direct addition during polymer pelletization
5. Twin screw extruders
6. Sufficient mixing screw elements to avoid heavy shear

PPA Brochure

For more application and compare data, please contact our sales at info@additivesforpolymer.com