



Diethylaluminium phosphonate masterbatch

TECHNICAL DATA SHEET

Product physical properties

Number	Content	Water content	Density	Ash ash	Carrier
MB330A	70%	≤0.2%	1.2 g /cm ³	21%	PA

Product characteristics

- A carrier flame retardant masterbatch based on diethyl aluminum phosphonate, suitable for high temperature polymers such as nylon and nylon 66/6/612
- To solve the process and quality fluctuation of powder products caused by uneven and difficult dispersion
- Can be mixed with glass fiber reinforced material after direct injection molding, maximum physical properties while shortening the production cycle of downstream enterprises

Reference dosage

Recommendation 1.2-1.3/1 Replace the original powder

Points for attention

- Resin/reinforced materials need to maintain low moisture content, whether in extrusion granulation or direct injection molding
- When using twin-screw granulation, the screw combination with weaker shear should be used, with low processing temperature and high vacuum.

Patents and Regulations

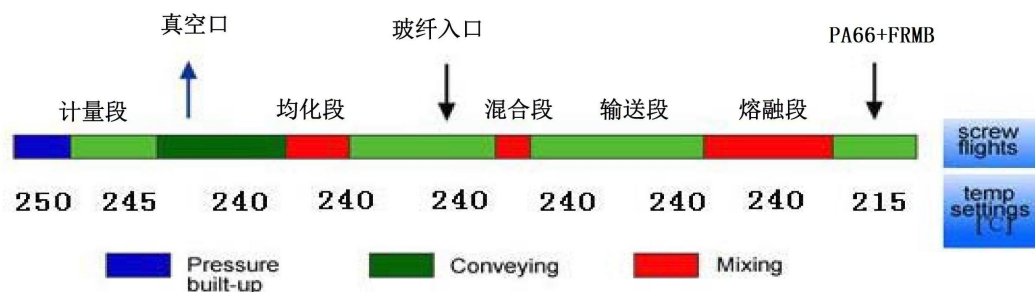
Compliance with Ro HS, REACH regulations

Packing Storage

25KG/ bags should be placed in a dry, ventilated place to avoid moisture and heating



The temperature setting for reference should be adjusted according to the actual plasticizing condition



Typical data for reference

	1#	2#	3#	4#
PA66(EPR27)	57	57	54	51
ADP powder	15			
MB330A		15	18	21
MPP	3	3	3	3
GF	25			
Tensile strength	122	142	132	130
Notched Impact	7.8	9.5	9.2	8.6
UL94(0.8 mm)	V-0	V-2	V-1	V-0
UL94(1.6 mm)	V-0	V-1	V-0	V-0
GWFI850°C(2 mm)	OK	OK	OK	OK
CTI (V)	>550	>550	>550	>550