



INDOFIL K-120PB

Processing Aid for Opaque PVC Products

1. INTRODUCTION

INDOFIL K-120PB is a highly dispersible, fine powder that dramatically improves the processing of rigid and plasticized polyvinyl chloride (PVC). PVC containing INDOFIL K-120PB processing aid, fuses rapidly, flows smoothly, has excellent hot strength and is readily formed.

It is recommended to use only for opaque PVC products such as pipes & fittings, PVC profiles etc.

Benefits

The benefits provided to use only for opaque PVC products such as pipes & fittings, PVC profiles etc.

- Decreased fusion time
- Highly homogenous melt
- Opaque applications
- Smooth processing
- Increased output rates

2. PHYSICAL CHARACTERISTICS

Typical Physical Properties (These do not constitute specifications)	
Appearance	White, fine free-flowing Powder
Bulk Density, g/cc	0.40 to 0.44
Specific Gravity, @ 25°C	1.16
Molecular Weight	Medium
Volatiles (%)	Max 1
Sieve Test Retention	
60 mesh	Max 25
100 mesh	Max 60
200 mesh	Max 90
Clarity in 10% toluene Solution	Hazy

3. PERFORMANCE CHARACTERISTICS

3.1 Processing and Rheological Properties

The Performance Characteristics of INDOFIL K -120PB is determined on Haake Rheocord 90 with PVC resin. Table A shows rheological properties which are graphically represented by Graph A.

4. APPLICATIONS

INDOFIL K-120PB processing Aid can be used for a wide range of PVC products including:

- Injection moulded parts
- Pipes & conduits
- Extruded profiles

5. RECOMMENDED DOSAGE

1 to 3 phr

6. SAFE HANDLING RECOMMENDATIONS

Indofil plastics additives should be kept away from flames, hot pipes, heaters or other sources of heat. Adequate precautions should be taken to keep all dust levels below values that are hazardous to health and safety. In case of eye or skin contact, eyes should be flushed with water to remove dust particles and affected skin areas to be washed with soap and water.

