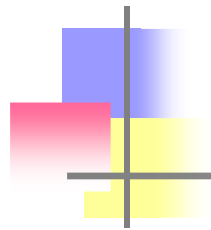


Solution*Partner*



Technical Report

Processing Aid for PVC

PA910/PA828/PA930



1. Introduction

LG Chem`s Processing aid help improve the processibility and the properties of matrix.

Grades

Characteristics

Applications

PA910

▪ **General purpose**

- **Sheet, film, profiles,**
- **Pipe, bottle**
- **Injection molded part, etc**

**PA828
PA930**

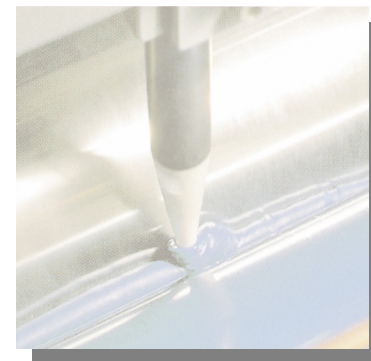
- **High molecular weight**
- **Better hot tensile strength**
- **Better foam extrudability**

- **Foam parts**
- **Vacuum formed parts**
- **Flexible PVC products**



2. Advantages

- ❑ To accelerate fusion speed
- ❑ To increase productivity and decrease processing temperature
- ❑ Better dispersion of additives into PVC
- ❑ More homogeneous of PVC
- ❑ Lower possibility of pinhole, flow mark and melt fracture
- ❑ To improve vacuum formability and foam extrudability
- ❑ Better surface gloss and excellent surface quality
- ❑ To improve tensile properties, impact efficiency, welding strength, etc



2/3

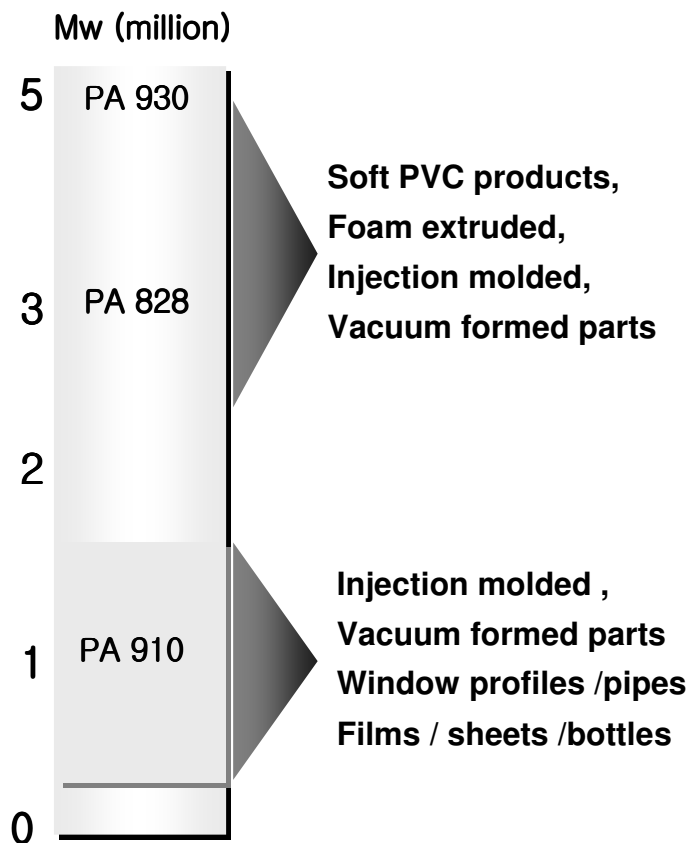
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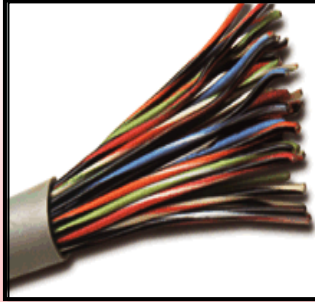

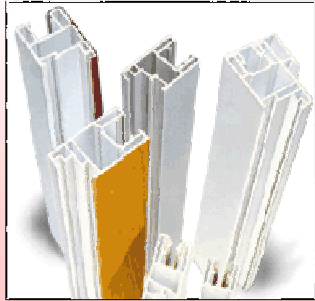


3. Applications

PA Mw varies with applications ;

- moderate Mw PA : Window Profiles, Pipes, Sheets
- high Mw PA : Soft PVC Products, Foam Extruded parts



Processing Aid Applications

PVC Leather 	Cable 	Foam 
Window Profile 	Pipe 	Transparency Sheet 

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