DL-698 Technical Data Sheet

Product Characteristics

DONGLIN™ DL-698 developed by our company is actually a unique processing aid and has all characteristics of acrylic processing aid. the only difference between them is that DL-698 has the super high molecular weight and viscosity, it can efficiently increase the melt strength of PVC compound, so that PVC foaming product modified by DL-698 has much more uniform cell structure as well as excellent surface glossiness. DL-698 is mainly recommended to produce the thick PVC foaming board whose thickness is beyond 10mm, which has the lower foam density needs and Hi-luster surface needs.

Compared with DL-638 and DL-688, DL-698 has the higher molecular weight and viscosity and better melt-flowability, but its fusion time is slower than that of DL-638.

Applications

- Pipe and Fittings
- Profile
- PVC foam sheet
- All PVC products

Specifications & Properties

Appearance:	White powder
Volatile content:	≤1.5 %
Bulk density:	0.45±0.05 g/cm^3
Sieve residue(30mesh):	≤2.0 %
CAS. No:	6422-86-2

Properties

- Less using dosage and higher efficiency
- Super-high molecular weight and viscosity
- Excellent melt flowability
- Endow PVC products with excellent surface glossiness
- Endow PVC foaming products with much lower density
- None-toxic

Add: Khalil Hosseini Ave., North Sohrevardi St., Tehran, Iran
Tel: +98-2188748374, +98-2188753507
Email: hermannpolymer@gmail.com
Fax: -98-2188753507
Website: herman.ir

Packing

25kg/bag with PP valve bag and PE inner bag or 550kg/sack.

Product Storage

It should be stored in cool and dry surroundings with shelf life of two years, it can be used if qualified by inspection after shelf life.

Safety Precautions

DL-698 is a high-molecular weight polymer, there is not almost any damage, when it is released to the environment. When handling the material, workers should obey the following safety operation procedures:

- perfect ventilation conditions
- safety glasses should be sufficient for most operations
- Wearing rubber gloves
- flush affected skin area thoroughly with water after handling and. touching the materials
- if materials dust contacts eyes, using clean water to wash eyes, consult oculist if needed.
- before handling these materials, read and understand the MSDS for additional information on personal protective equipment and for safety, health and environmental information.

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