

Shandong Rike Chemical HELI™ HL-225 PVC Processing Aid Series (PA)

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer

Material Notes:

Outline of ACR Processing Aids Products of processing aid series developed by our company are acrylic copolymers. The basic function of processing aids is to improve processing performance and promote the fusion of PVC blend for obtaining perfect fusion state under a temperature as low as possible so as to ensure the final product quality. For satisfying different requirements, we developed five groups of PVC processing aids specified as follows:

General group: used to promote fusion of PVC blend
Lubricating group: besides promoting fusion, they are more effective as a metal release agent, thus they can prevent from the adherence between PVC melt and metal surface of equipment. Otherwise, after using them, the other external lubricants in the ingredients may be reduced.
Gloss promotion group: besides fusion promotion, they can contribute to evident improvement of the surface glossiness of PVC products, so they are specially suitable for the products whose glossiness of surface are highly required.
Super-fusion promotion group: The fusion promotion effectiveness is higher than the other groups. They are suitable for ingredients which are difficult to process such as the formulation with high filled levels of CaCO₃ or other formulation with adding modifiers of carbon black, fiber and so on.
Super-melt strength promotion group: The melt strength is 20-30% higher than that of the same foreign products and the ability of promotion PVC fusion is 20-30% higher than that of the same foreign products.

Information Provided by Shandong Rike Chemical Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shandong-Rike-Chemical-HELI-HL-225-PVC-Processing-Aid-Series-PA.php

Physical Properties	Metric	English	Comments
Bulk Density	0.350 - 0.550 g/cc	0.0126 - 0.0199 lb/in ³	
Volatiles	<= 1.3 %	<= 1.3 %	
Particle Mesh Size	30 Mesh	30 Mesh	<2%
Viscosity Measurement	4.8 - 5.4	4.8 - 5.4	intrinsic

Descriptive Properties	Value	Comments
Appearance	White powder	
Balance Torque (N-m)	28.4	
Fusion Time (s)	64.8	
Group	General group	
Torque (N-m)	26.9-37.5	

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