

Shandong Rike Chemical HELI,ç HL-56 Weather-resistance Acrylic Impact Modifier (AIM)

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

Material Notes:

Outline of ACR Impact Modifiers: The PVC impact modifiers developed by our company are acrylic copolymers (ACR) with a core-shell structure, their cores are acrylic ester and shells are methacrylic copolymers. The basic functions of our impact modifiers are to improve the impact performance of PVC products to meet the requirements of engineering plastics and simultaneously increase their heat and light stability. 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-56-Weather-resistance-Acrylic-Impact-Modifier-AIM.php

Mechanical Properties	Metric	English	Comments
Izod Impact, Unnotched (ISO)	14.6 kJ/m ²	6.95 ft-lb/in ²	Phr = 0
	@Temperature 0.000 Å°C	@Temperature 32.0 Å°F	
	19.7 kJ/m ²	9.37 ft-lb/in ²	Phr = 0
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	
	21.1 kJ/m ²	10.0 ft-lb/in ²	Phr = 5
	@Temperature 0.000 Å°C	@Temperature 32.0 Å°F	
	29.0 kJ/m ²	13.8 ft-lb/in ²	Phr = 8
	@Temperature 0.000 Å°C	@Temperature 32.0 Å°F	
	38.8 kJ/m ²	18.5 ft-lb/in ²	Phr = 5
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	
	41.7 kJ/m ²	19.8 ft-lb/in ²	Phr = 8
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	83.9 Å°C	183 Å°F	Phr = 8
	86.0 Å°C	187 Å°F	Phr = 0

Descriptive Properties	Value	Comments
Fusion Temperature (Å°C)	173	10 Phr

Descriptive Properties	Value	Comments
	175	8 Phr
Fusion Time (s)	112	5 Phr
	79	10 Phr
	88	8 Phr
Light Aging - Whiteness Variation (%)	14.6	Phr = 8
	16.8	Phr = 5
	51.22	Phr = 0
Thermal Aging - Whiteness Variation (%)	20.4	Phr = 0
	28.2	Phr = 5
	32.5	Phr = 8

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