

Shandong Rike Chemical ACM-3 PVC Impact Modifier ACM Resin

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

Material Notes:

Outline of ACM Resin For overcoming the shortcomings of plasticizers and CPE, we developed a new type impact modifier ACM which as a copolymer of HDPE and acrylic acid and our ACM not only has the basic feature of CPE, but has higher impact strength and lower glass temperature comparing with CPE, so its impact modification effect is more evident than CPE. Besides, ACM can effectively improve the weather-resistance of PVC products. Application The application method of ACM is the same as that of CPE. In processing, electric current and torque of extruders may have a slight decline and it may be eliminated through adjusting lubricant agent in the ingredients. Information Provided by Shandong Rike Chemical Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shandong-Rike-Chemical-ACM-3-PVC-Impact-Modifier-ACM-Resin.php

Mechanical Properties	Metric	English	Comments
Izod Impact, Unnotched (ISO)	17.9 kJ/m ²	8.52 ft-lb/in ²	Phr = 0
	@Temperature 0.000 °C	@Temperature 32.0 °F	
	19.8 kJ/m ²	9.42 ft-lb/in ²	Phr = 0
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	20.3 kJ/m ²	9.66 ft-lb/in ²	Phr = 5
	@Temperature 0.000 °C	@Temperature 32.0 °F	
	22.3 kJ/m ²	10.6 ft-lb/in ²	Phr = 8
	@Temperature 0.000 °C	@Temperature 32.0 °F	
	24.2 kJ/m ²	11.5 ft-lb/in ²	Phr = 5
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	25.3 kJ/m ²	12.0 ft-lb/in ²	Phr = 8
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Descriptive Properties	Value	Comments
Balance Torque (N-m)	29.6	10 Phr
	30	8 Phr
	30.5	5 Phr
Fusion Temperature (°C)	178	5 Phr

Descriptive Properties	Value	Comments
	178	10 Phr
	178	10 Phr
Fusion Time (s)	203	10 Phr
	212	8 Phr
	241	5 Phr
Torque (N-m)	24.7-32.6	5 Phr
	25.2-31.3	10 Phr
	25.2-32.0	8 Phr

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