PACIFIC GROUP
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FPC **AIM, A-607 and K-210**

AIM is a kind of Acrylic impact modifier and it is used for outdoor application because its weatherability. AIM is core-shell structure and it is whole acrylic system. Core is the center of impact absorption, and shell provides the compatibility of additive and matrix. AM has excellent workability and are suitable for several kinds of PVC process and products. Some product is applied for engineering plastics.

A-607

A-607 is acrylic weatherable impact modifier, following characteristics are obviously found if PVC is blended with A-607: Excellent impact strength, Excellent weatherability, and Increases melt Flow in injection molding.

Parameter	Typical Value	Unit	Test Method
Bulk Density	≥ 0.40	g/cm3	JIS K6720-2
Volatile Matter	≤ 1.0	%	JIS K6720-2
Foreign Particles	≤ 30	PC/100g	FPC Method
Particle Size on 16 mesh sieve	≤ 1.0	%	FPC Method
Notched IZOD Impact (25℃) Dosage: 6 PHR Dosage: 8 PHR	 ≥ 15 ≥ 100	KJ/M	ASTM D-256
Notched IZOD Impact (0℃) Dosage: 6 PHR Dosage: 8 PHR	 ≥ 8 ≥ 10	KJ/M	ASTM D-256
Application	PVC pipe and fittings, Electrical conduit, House siding, Windows frames and trim etc		
Physical Characteristics	Chemical Description: Butyl Acrylate/Methylmethacrylate Copolymer Physical Appearance: Free-flow white powder Product Specifications		

K-210, Silicone Modified Impact Modifier

K-210 is used for General Plastics and Engineering Plastics. According to well dispersion in resin, such as PC or PC/ABS alloy. It can improve the impact strength, surface appearance, get excellent weather resistance, good processing performance, high productivity, etc., especially for electronic products, luggage, decorative materials. etc.

Grade	Appearance	Bulk Density (g/cm^3)	Moisture (%)	Average Grain Diameter(μm)	Particle Size (+35 mesh)	Particle Size (-325 mesh)
K-210	White Powder	0.30↑	0.6↓	250~350	10%	< 2%

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