



Company Introduction

Anhui Fengxin Industrial Co., Ltd ,as a professional manufacturer of the industrial products like Roofing Products And Fiberglass Products was located in NO.205 National highway between Nanjing and Yangzhou city.

FX has a great team that own leading and professional technique, standard management and perfect service. We have built long-term and steady business relationship with hundreds of customers all over the world.

AGM glass mat separator is applied in automobile / motorcycle batteries, heavy duty batteries and long life batteries.







Test Report

Size:1.3mm thickness (20Kpa)

N O	Test Item	Unit	Specifications	Result	Judg e
			1.3mm Thickness		
1	Thickness	mm	$\pm 5\%d$	1.3	OK
2	Electrical Resistance	$\Omega \cdot \text{dm}^2$	$\leq 0.00050d$	0.00042	OK
3	Tensile Strength	kN/m	$\leq 2.0\text{mm}$	≥ 0.54	OK
			$\geq 2.0\text{mm}$	≥ 0.84	OK
4	Basic Weight	$\text{g/m}^2 \cdot \text{mm}$	20Kpa	154	OK
5	Max Pore Diameter	μm	$\leq 20\mu\text{m}$	18.5	OK
6	Pressurzing Acid Absorption	%	≥ 550	580	OK
7	Porosity	%	≥ 90	93	OK
8	Acid-Wicking Height	mm/5min	$\geq 90\text{mm}/5\text{min}$	105	OK
9	Weight Loss In Acid Soaking	%	≤ 3.0	2.3	OK
10	Iron Content	%	≤ 0.0030	0.0012	OK
11	Chlorine Content	%	≤ 0.0020	0.0010	OK
12	Moisture Content	%	≤ 0.50	0.13	OK
13	Acid Boiling	min	$\geq 7\text{min}$ no dropping off		OK
14	TEST RESULT OK				



Characteristics of AGM separators are :

- * High Acid proof
- * High porosity and small pore size.
- * High liquid absorptivity.
- * Low electric resistance
- * Capable of preventing short circuits
- * Unique saturation profile and lower stratification
- * Superior tensile strength
- * Faster upward wicking and faster downward wicking

FX AGM glass mat separator is a combination of AGM and Glass mat. It is used as separator in flooded / vented storage battery. It is produced with the newest formula in the world today and prepared under top high technique.

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