

PRODUCT PROPERTIES

■ **Chemical Composition**

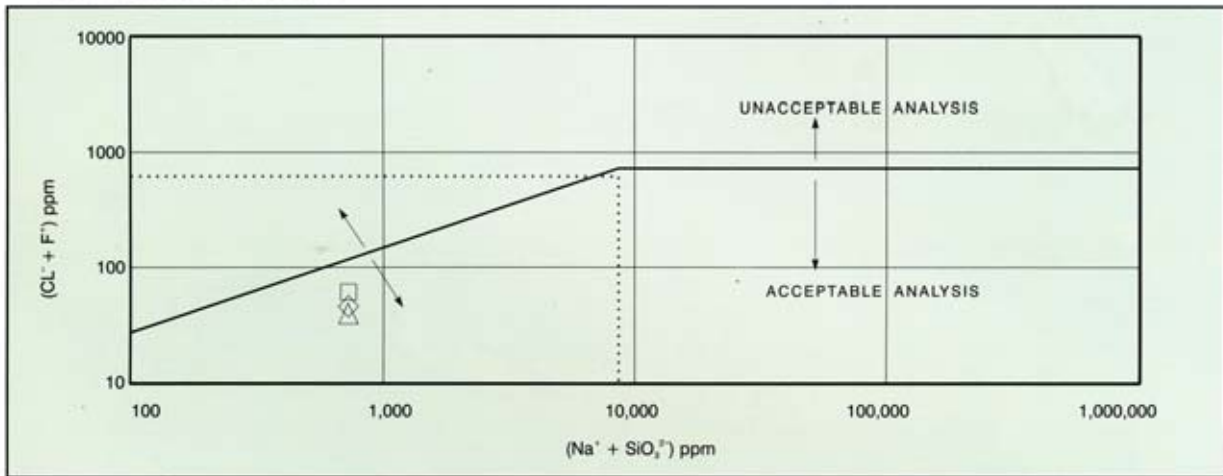
CHEMICAL	CONTENT (%)
SiO ₂	35 ~ 45
Al ₂ O ₃	10 ~ 20
CaO	30 ~ 35
MgO	5 ~ 10
Fe ₂ O ₃	0 ~ 7
Others	0 ~ 3

- pH : Neutral, 7.0 ~ 8.0
- Chloride Content : < 10 ppm
- Early Fire Hazard : None
- Moisture Absorption : < 0.2 %
- Shot Content : 0.8 % weight (JIS : less than 4 % weight remained in 500 μm of test sieve)
- Fiber Diameter : 4.5 ~ 5.0 μm (JIS : less than 7 μm)
- Ignition Loss :

M.G. Products	Felt	Wired Blanket	Mighty Roll	Mighty Cover	Elbow Cover
Ign. Loss (% weight)	2 ± 0.5	1 ± 0.5	1 ± 0.5	3 ± 1.5	3 ± 1.5

● Standard reference : Refers to ASTM C 612 - C 592 & JIS A 9504

■ **Non Promote Corrosion**



● Refers to ASTM C 795

● Remarks :

1. △ point M.G. Felt less than 120 kg / m²
- point M.G. Mighty Cover
- ◇ point M.G. Felt over than 120 kg / m²

2. Quantitative analysis data of graphic as follows :

No.	M.G. Products	Chemical Analysis	Result (ppm)	
			Sample 1	Sample 2
1	Felt (< 120 kg / m ²)	Chloride (Cl ⁻)	5.0	5.0
		Fluoride (F ⁻)	27.0	27.3
		Silicic acid (SiO ₃ ²⁻)	470.7	481.2
		Sodium (Na ⁺)	8.7	9.3
2	Mighty Cover	Chloride (Cl ⁻)	10.0	10.0
		Fluoride (F ⁻)	25.0	25.4
		Silicic acid (SiO ₃ ²⁻)	434.2	448.6
		Sodium (Na ⁺)	12.9	12.9
3	Felt (> 120 kg / m ²)	Chloride (Cl ⁻)	7.5	7.5
		Fluoride (F ⁻)	27.7	27.4
		Silicic acid (SiO ₃ ²⁻)	453.6	463.8
		Sodium (Na ⁺)	8.0	8.5

● Refers to ASTM C 795