

JIS

JAPANESE INDUSTRIAL STANDARD

Flexible mica materials

 **JIS C 2255**—1992

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 **Documents**
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In the event of any doubt arising,
the original Standard in Japanese is to be final authority.





1. Scope

This Japanese Industrial Standard specifies mica product which are flexible at normal temperature excluding post-impregnatable mica materials and resin rich mica materials.

Remarks 1. The following Standards are cited in this Standards:

JIS C 2116 Testing methods for electrical insulating mica products

JIS C 2250 General rules for electrical insulating mica products

2. The units and numerical values given in { } in this Standard are based on the traditional unit and are appended for informative reference.

2. Definitions

For the purpose of this Standard the definitions given in JIS C 2250 shall apply.

3. Classification

The class shall be expressed by the symbol prescribed in JIS C 2250 as shown in Table 1.

Table 1. Classification

Symbol ⁽¹⁾	Material mica	Reinforcement	Binder
M (C, S, A) 64	MC means clear muscovite mica splittings. MS means stained muscovite mica splittings. MA means phlogopite mica splittings. MR means mica paper based on calcined muscovite. MT means mica paper based on uncalcined muscovite. MU means mica paper based on phlogopite.	—	Binder employing oil modified synthetic resin, orthophthalic acid alkyd resin, unsaturated polyester resin or synthetic resins equivalent superior to them in heat resistivity as its principal composition.
M (R, T, U) 64		Glass cloth on both sides	
M (C, S, A) 74 G			
M (R, T, U) 74 G		Glass cloth on one side	
M (C, S, A) 84 G			
M (R, T, U) 84 G		Polyester films on both sides	
M (C, S, A) 74 A			
M (R, T, U) 74 A		Polyester film on one side	
M (C, S, A) 84 A			
M (R, T, U) 84 A		—	
M (C, S, A) 65			
M (R, T, U) 65		Glass cloth on both sides	
M (C, S, A) 75 G			
M (R, T, U) 75 G	Glass cloth on one side		
M (C, S, A) 85 G			
M (R, T, U) 85 G	Polyester film on one side		
M (R, T, U) 85 A			
M (C, S, A) 66	—	—	Binder employing silicone resin or synthetic resins equivalent or superior to it in heat resistivity as its principal composition.
M (R, T, U) 66			
M (C, S, A) 76 G	Glass cloth on both sides		
M (R, T, U) 76 G			
M (C, S, A) 86 G	Glass cloth on one side		
M (R, T, U) 86 G			

Note ⁽¹⁾ For example, M (C, S, A) 64 means MC 64, MS 64 and MA 64.