

Magnet Wire - Component

COMPANY

SHIN-ETSU ELECTRIC WIRE CO LTD

5674 OSA

SANADA-MACHI

UEDA-SHI, Nagano 386-2201 Japan

E94931

Material Designation	Mark Dsg	Base Coat	Top Coat	ANSI Type	Temp Class
AIW	AIW	Polyamide-imide	-	MW 81C	220
AIW1	AIW1	Polyamide-imide	-	MW 81C	220
EIAIW1	EIAIW1	Polyester-imide	Polyamide-imide	MW 35C	200
EIW1	EIW1	Polyester-imide	-	MW 74C	200
		Polyester-imide	-	MW 30C	180[#]
PCFUEW	PCFUEW	Polyurethane	-	MW 75C	130
PEW1	PEW1	Polyester-imide	-	MW 30C	180
		Polyester-imide	-	MW 5C	155[#]
PEWN	PEWN	Polyester-imide	Polyamide	MW 76C	180
		Polyester-imide	Polyamide	MW 24C	155[#]
SPEW (b)	SPEW	Modified Polyester	-	MW 77C	180
		Modified Polyester	-	MW 26C	155[#]
SPEWN	SPEWN	Modified Polyester	Polyamide	MW 78C	180
		Modified Polyester	Polyamide	MW 27C	155[#]
UEW3 (b)	UEW3	Polyurethane	-	MW 75C	130
UEWB3 (a)	UEWB3	Polyurethane	-	MW 79C	155
UEWF	UEWF	Polyurethane	-	MW 79C	155
UEWN	UEWN	Polyurethane	Polyamide	MW 80C	155
		Polyurethane	Polyamide	MW 28C	130[#]

Material Designation	Mark Dsg	Base Coat	Top Coat	Bond Coat	ANSI Type	Temp Class
AIW	AIW	Polyamide-imide	-	-	-	200[#]
AIW1	AIW1	Polyamide-imide	-	-	-	200[#]

[#] - The magnet wire may perform better than the rating reflects and may not be suitable for insulation system, varnish or end-product testing. Further consideration is necessary prior to its use in testing.

(a) - May be prefixed with PF indicating paraffin free wire.

(b) - May be suffixed with CLZ. CLZ means Litz Wire Construction which is overcoated with the basecoat.

Marking: Company name or tradename "SHIN-ETSU" or trademark , material designation or marked designation on the shipping spool label or smallest unit container in which the product is packaged.

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