

OBMW2.E94931 - Magnet Wire - Component

Magnet Wire - Component

SHIN-ETSU ELECTRIC WIRE CO LTD

5674 OSA

SANADA-MACHI

UEDA-SHI, NAGANO-KEN 386-2201 Japan

E94931

Material Designation	Mark Dsg	Base Coat	Top Coat	ANSI Type	Temp Class
AIW	AIW	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[#]

[#] - 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.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2023 UL LLC."