

Magnet Wire - Component

COMPANY

ELEKTRISOLA (MALAYSIA) SDN BHD

Jalan Damai 1
Janda Baik
Bentong, Pahang 28750 Malaysia

E143312

Material Designation	Mark Dsg	Base Coat	Top Coat	ANSI Type	Temp Class
Amidester 200	A200	Polyester-imide	-	MW 74C	200
Amidester AI210	AI210	Polyester-imide	Polyamide-imide	MW 35C	200
		Polyester-imide	Polyamide-imide	MW 73C	200
Amidimide 220	I220 or G220	Polyamideimide	-	MW 81C	220
EN180	EN180	Polyester	Polyamide	MW 78C	180
Estersol 155	PEW-S	Polyester	-	MW 26C	155[#]
Estersol 180	E180 or GE180	Solderable Polyester-imide	-	MW 77C	180
Polyimide 240	ML 240	Aromatic Polyimide	-	MW 16C	240
Polysol 155	P155, G155	Polyurethane	-	MW 79C	155
		Polyurethane	-	MW 75C	130[#]
Polysol 155g	Pg155	Polyurethane	-	MW 75C	130[#]
Polysol 155p	Pp155, Gp155	Polyurethane	-	MW 79C	155[#]

Polysol 160	P160	Polyurethane	-	MW 79C	155
Polysol 170	P170, G170	Polyurethane	-	MW 79C	155
Polysol 180	P180, G180, Pv180	Polyurethane	-	MW 82C	180
		Polyurethane	-	MW 79C	155[#]
Polysol 180 FIW	P180 FIW	Polyurethane	-	MW 85C	180
Polysol N155	PN155	Polyurethane	Polyamide	MW 80C	155
		Polyurethane	Polyamide	MW 28C	130[#]
Polysol N155p	PN15p	Modified Polyurethane	Polyamide	MW 80C	155
Polysol N180	PN180	Polyurethane	Polyamide	MW 83C	180
Polysol P155p	P155p, G155p	Polyurethane	-	MW 79C	155
Posyn 155	Posyn 155	Polyurethane	-	MW 79C	155

Material Designation	Mark Dsg	Base Coat	Top Coat	Bond Coat	ANSI Type	Temp Class
Grid Wire GWP18	GWP18	Polyurethane	Polyamide	-	-	180
Solabond (Z)SP18, Thermobond STP18	(Z)SP18, STP18	Polyurethane	Polyamide	-	-	155
Solabond LYP18	LYP18	Polyurethane	Polyamide	-	-	180
Thermobond RT21	RT21	Polyester-Polyamide-imide	Polyamide	-	-	200
Thermobond RTP18	RTP18	Polyurethane	Polyamide	-	-	180
Thermobond XTP18	XTP18	Polyurethane	Modified Epoxy	-	-	180

Magnet wires of "LITZ" construction:

Material Designation	Mark Dsg	Base Coat	Top Coat	Bond Coat	ANSI Type	Temp Class
LITZWIRE (a)(b)(c)(d)(e)(f)	LITZWIRE (a)(b)(c)(d)(e)(f)	-	-	-	-	-

[#] - 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) - Number of wire strands x Diameter of each wire strand.

(b) - One of the following mark designations, showing the type of magnet wire: E180-MW77, A200-MW74, PN155-MW80, P155-MW79, G155-MW75, P180-MW82, G180-MW82, PN180-MW83, P170-MW79, G170-MW79, PV180-MW82, P155p-MW79. AI210-MW35, MW73.

(c) - Optional suffix 0, 1, 2, 3, single, heavy or triple specifying single, heavy or triple build.

(d) - 1 for single serving, 2 for double serving.

(e) - Two digit number-52, 60 or 63.

(f) - Indicates a letter A-Z and/or number 0-9 Signifying a type of covering used over a wire bundle.

(Z) - Maybe replaced with A thru W denoting difference in lubricant.

Marking: Company name or trademark **ELEKTRISOLA**, material designation Or marked designation On the shipping spool label Or smallest unit container In which the product Is packaged.

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