



OBMW2.E32638 Magnet Wire - Component

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Magnet Wire - Component

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ESSEX GROUP INC

1601 WALL ST
FORT WAYNE, IN 46802-4352 USA

E32638

Material Designation	Mark Dsg	Base Coat	Top Coat	ANSI Type	Temp Class
Alex	Alex	Aromatic Polyimide	-	MW 16-C	240
		Aromatic Polyimide	-	MW 20-C	240
Amide-Imide	AI	Polyamideimide	-	MW 81-C	220
Bicobond 180	Bicobond 180	Polyester-imide	-	MW 30-C	180
Biconester	Biconester	Polyester-imide	-	MW 30-C	180
Biconex	Biconex	Polyvinyl Formal	-	MW 15-C	105
Bicosol	Bicosol	Polyurethane	-	MW 2-C	105
Bicotherm	Bicotherm	Polyester-amide-imide	-	MW 35-C	200
Daisol-B	Ds-B	Polyurethane	-	MW 79-C	155
Daitherm	Daitherm	Polyester-amide-imide	-	MW 74-C	200
		Polyester-amide-imide	-	MW 30-C	180[#]
Daitherm-2	Dt-2	Polyester-imide	Polyamide-imide	MW 35-C	200
		Polyester-imide	Polyamide-imide	MW 36-C	200
		Polyester-imide	Polyamide-imide	MW 73-C	200
Daitherm-3	Dt-3	Polyester-imide	Polyamide-imide	MW 35-C	200
		Polyester-imide	Polyamide-imide	MW 36-C	200
		Polyester-imide	Polyamide-imide	MW 73-C	200
Daitherm-N	Dt-N	Polyester-imide	Polyamide	MW 76-C	180
		Polyester-imide	Polyamide	MW 24-C	155[#]

EI/AI	EI/AI	Polyester	Polyamide-imide	MW 37-C	220[#]
		Polyester	Polyamide-imide	MW 35-C	200
GP/MR-200, GP/MR-200 HD	GP/MR-200	Polyester	Polyamide-imide	MW 35-A	220
		Polyester	Polyamide-imide	MW 36-A	220
		Polyester	Polyamide-imide	MW 73-A	220
		Polyester	Polyamide-imide	MW 35-C	200
		Polyester	Polyamide-imide	MW 36-C	200
		Polyester	Polyamide-imide	MW 73-C	200
GP/MR-Extra	GP/MR-Extra	Polyester	Polyamide-imide	MW 37-C	220
		Polyester	Polyamide-imide	MW 38-C	220
		Polyester	Polyamide-imide	MW 35-C	200[#]
		Polyester	Polyamide-imide	MW 36-C	200[#]
		Polyester	Polyamide-imide	MW 73-C	200[#]
Magnesol E-180	Magnesol E-180	Solderable Polyester	-	MW 77-C	180
Magnesol EN-180	Magnesol EN-180	Polyester	Polyamide	MW 78-C	180
Magnesol U-155	Ms U-155	Polyurethane	-	MW 79-C	155
Magnesol U-180	Magnesol U-180	Polyurethane	-	MW 82-C	180
Magnesol UN-155	Ms UN-155	Polyurethane	Polyamide	MW 80-C	155
Magnesol UN-180	Ms UN-180	Polyurethane	Polyamide	MW 83-C	180
Magnesol UN-180H	Ms UN-180H	Polyurethane	Polyamide	MW 80-C	155[#]
Magnetemp A-220	Mt A-220	Polyamide-imide	-	MW 81-C	220
Magnetemp C-180	Magnetemp C-180	Polyester-amide-imide	-	MW 74-C	200
		Polyester-amide-imide	-	MW 30-C	180[#]
Magnetemp C-200	Magnetemp C-200	Polyester-imide	Polyamide-imide	MW 35-C	200
		Polyester-imide	Polyamide-imide	MW 36-C	200
		Polyester-imide	Polyamide-imide	MW 73-C	200
Magnetemp CA-200	Magnetemp CA-200	Polyester-imide	Polyamide-imide	MW 35-C	200
		Polyester-imide	Polyamide-	MW 36-	200

			imide	C	
		Polyester-imide	Polyamide-imide	MW 73-C	200
Magnetemp CA2-200	Mt CA2-200	Polyester-imide	Polyamide-imide	MW 35-C	200
		Polyester-imide	Polyamide-imide	MW 36-C	200
		Polyester-imide	Polyamide-imide	MW 73-C	200
Magnetemp CN-180	Magnetemp CN-180	Polyester	Polyamide	MW 76-C	180
		Polyester	Polyamide	MW 24-C	155[#]
Magnetemp PA-200	Mt PA-200	Modified Polyester	Polyamide-imide	MW 35-C	200
		Modified Polyester	Polyamide-imide	MW 36-C	200
		Modified Polyester	Polyamide-imide	MW 73-C	200
Magnetemp PN-180	Mt PN-180	Modified Polyester	Polyamide	MW 76-C	180
Nytherm	Nyth	Polyester	Polyamide	MW 76-C	180
		Polyester	Polyamide	MW 76-A	180
Saldavex F, Saldavex	Saldavex F, Saldavex	Polyurethane	-	MW 79-C	155
Saldavex H	Saldavex H	Modified Polyurethane	-	MW 82-C	180
Saldavex NY	Saldavex NY	Polyurethane	Polyamide	MW 28-C	130
Soderex/130	Sdx/130	Polyurethane	-	MW 75-C	130
Soderex/155	Sdx/155	Polyurethane	-	MW 79-C	155
Soderex/180	Sdx/180	Polyurethane	-	MW 82-C	180
Soderon FS/155	Sdn FS/155	Polyurethane	Polyamide	MW 80-C	155
Soderon/130	Sdn/130	Polyurethane	Polyamide	MW 28-C	130
Soderon/155	Sdn/155	Polyurethane	Polyamide	MW 80-C	155
Soderon/180	Sdn/180	Polyurethane	Polyamide	MW 83-C	180
Soldex 180	Sdx 180	Polyurethane	-	MW 82-C	180
Solidex	Solidex	Polyester	-	MW 77-C	180
Solidon	Solidon	Polyester	Polyamide	MW 78-C	180
Tenvex 200	Tenvex 200	Polyester-imide	Polyamide-imide	MW 35-C	200
		Polyester-imide	Polyamide-imide	MW 36-C	200


		Polyester-imide	Polyamide-imide	MW 73-C	200
Tenvex HSX	Tenvex HSX	Modified Solderable Polyester-imide	-	MW 77-C	180
Thermax 200 (AL)	Thermax 200 (AL)	Modified Polyester	Polyamide-imide	MW 35-A	220
		Modified Polyester	Polyamide-imide	MW 36-A	200
		Modified Polyester	Polyamide-imide	MW 73-A	200
Ultra Shield	US	Polyester	Polyamide-imide	MW 35-A	220
		Polyester	Polyamide-imide	MW 35-C	200
Ultra Shield ®PLUS	US Plus	Polyester	Polyamide-imide	MW 35-C	200
		Polyester	Polyamide-imide	MW 73-C	200
ULTRASHIELD®PLUS AI Solecoat	US PLUS AI	Polyamide-imide	-	MW 81-C	220

Material Designation	Mark Dsg	Base Coat	Top Coat	Bond Coat	ANSI/Conductor Type	Temp Class
Autovex H	Autovex H	Polyester-imide	Polyamide-imide	Polyester	-	130
Daibond-HC	Db-HC	Polyester-imide	Polyamide-imide	Epoxy	-	180
Daibond-HM	Db-HM	Polyester-imide	Polyamide-imide	Polyester	-	180
Daibond-HY	Db-HY	Polyester-imide	Polyamide-imide	Polyamide	-	180
Daisol-HN	Daisol-HN	Solderable Polyester-imide	Polyamide	-	-	180
Daitherm-3A	Dt-3A	Polyester-imide	Polyamide-imide	-	-	200
HGP/MR-200 DDG H/T ORG	HGP/MR-200 DDG H/T ORG	Polyester	Polyamide-imide	-	-	-
HGP/MR-200 SDG H/T ORG	HGP/MR-200 SDG H/T ORG	Polyester	Polyamide-imide	-	-	-
Magnebond CAB-200	Mb CAB-200	Polyester-imide	Polyamide-imide	Aromatic Polyamide	-	200[#]
		Polyester-imide	Polyamide-imide	Aromatic Polyamide	MW 102-C	180[#]
Magnebond CAK-180	Mb CAK-180	Polyester-imide	Polyamide-imide	Polyester	-	180
Magnebond CAL-200	Mb CAL-200	Polyester-imide	Polyamide-imide	Polyamide	-	180
Magnebond CAT-200	Mb CAT-200	Polyester-imide	Polyamide-imide	Thermoplastic	-	200
Magnebond CAX-180	Mb CAX-180	Polyester-imide	Polyamide-imide	Epoxy	-	180
Magnebond CL-180	Magnebond CL-180	Polyester-imide	-	Polyamide	-	180
Magnebond EAL-180	Mb EAL-180	Solderable Polyester-	Polyamide-imide	Polyamide	-	180

		imide				
Magnebond EAL3-180	Mb EAL3-180	Solderable Polyester-imide	Polyamide-imide	Co-Polyamide-Aliphatic	-	180
Magnebond EL-180	MB EL-180	Solderable Polyesterimide	-	Polyamide	-	155
Magnebond PAB-180	Magnebond PAB-180	Polyester-imide	Polyamide-imide	Aromatic Polyamide	-	200
		Polyester-imide	Polyamide-imide	Aromatic Polyamide	MW 102-C	180[#]
Magnebond UT-155	Mb UT-155	Polyurethane	-	Thermo-plastic Co-polyester	-	155
Magnebond UV-155	Mb UV-155	Polyurethane	-	Polyvinyl-butylal	-	155
Magnesilk CA GP@	Ms CA GP	Polyester-imide	Polyamide-imide	-	-	-
Magnesol U-180H	Magnesol U-180H	Polyurethane	-	-	-	180
Magnetemp CA-200 Double Dacron Glass Polyester Varnished	AMT DDG PV	Polyester	Polyamide-imide	-	-	-
Magnetemp KN-155	Mt KN-155	Polyester	Polyamide	-	-	155
		Polyester	Polyamide	-	-	130[#]
Magnetemp Y-240	Magnetemp Y-240	Aromatic Polyimide	-	-	-	240
		Aromatic Polyimide	-	-	-	220[#]
PEWN	PEWN	Polyester	Polyamide	-	-	155
		Polyester	Polyamide	-	-	130[#]
Polybondex G Bond E	Pbx G Bond E	Polyester	Polyamide-imide	Polyester	MW 102-C	180
		Polyester	Polyamide-imide	Polyester	MW 102-A	180
Polybondex G Bond M	Pbx G Bond M	Polyester	Polyamide-imide	Epoxy	-	180[#]
Polybondex G Bond S	Pbx G Bond S	Polyester	Polyamide-imide	Aromatic Polyamide	MW 102-C	180
		Polyester	Polyamide-imide	Aromatic Polyamide	MW 102-A	180
Polybondex T Bond E	Pbx T Bond E	Polyester	-	Polyester	-	180
Polybondex T Bond M	Pbx T Bond M	Polyester	-	Expoxy	-	180
Polybondex T Bond S	Pbx T Bond S	Polyester	-	Aromatic Polyamide	-	180
Polybondex T Bond Y	Pbx T Bond Y	Polyester	-	Polyester	-	180
Soderbond N/130	Sdbn N/130	Polyurethane	Polyamide	Polyvinyl Acetal	MW 135-C	130[#]
Soderbond N/155	Sdbn N/155	Polyurethane	Polyamide	-	MW 136-C	155
Tenvex 220	Tenvex 220	Modified amide-imide	-	-	-	220
Ultrashield Plus Bond E	Ultrashield Plus Bond E	Polyester	Polyamide-imide	Polyester	MW 102-C	180
		Polyester	Polyamide-imide	Polyester	MW 102-A	180

[#] - 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.

@ - Magnesilk CA GP is with Dacron glass covering fused over the magnet wire designated Magnetemp CA-200.

Marking: Company name, material designation or marked designation and the Recognized Component Mark,  on the shipping spool label or smallest unit container in which the product is packaged.

Last Updated on 2018-04-02

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