

WIRE & CABLE

We are a premier custom compound supplier to the Wire & Cable Industry. We provide innovative custom formulas in flame retardant polyolefin, high flame retardant low smoke PVC Plenum, zero halogen high flame retardant plastic compounds as well as many other plastic applications for the Wire & Cable Industry. We are recognized as best in class for color development and production repeatability. Our compounds are developed by our professional R&D staff with many years of experience in the Wire & Cable field. These compounds are tested in our state of the art quality and color laboratory.

We can meet your wire & cable plastic compound needs either from our current list of plastic compounds or by specially developing a new and colorful plastic compound for you.

Product ID	Application	Temperature Rating	Tensile, psi	Elongation %	Durometer Shore	Brittle pt C	Oxygen Index %	Clear	Oil Resistance	UV Resistance (yes/no)
MCPE-01-266A-405 BLACK	90°C, oil resistant CPE based, FT4, 210,000 BTU wire & cable jacketing compound with enhanced tear properties and flexibility.	90°C	1800	325	95/90A	-16	36	NO	YES	NO
MCPE-01-266LT	90°C, oil resistant CPE based, FT4, 210,000 BTU wire & cable jacketing compound with enhanced tear properties.	90°C	1800	300	95/90A	-36	39	NO	YES	NO
MEXCELPRENE®8375 RoHS	Highly flexible, flame retardant, oil resistant engineered elastomer designed for wire & cable applications where low temperature flexibility and 40°C impact required.	NA	1650	500	90/85A	NA	36	NO	YES	NO
MFS-1000H	High grade, RoHS compliant, lead free, low smoke	80	2500	150	66D	NA	51.5	NO	NO	NO

	generating, highly flame retardant jacketing compound designed for Plenum cable applications. FS-1000h exhibits excellent process ability and electrical characteristics. FS-1000H is AOM free alloy									
MFS-1000K	High grade, RoHS compliant, lead free, low smoke generating, highly flame retardant jacketing compound designed for Plenum cable applications. FS-1000K exhibits excellent process ability and electrical characteristics.	90	2500	150	68D	NA	54	NO	NO	NO
MGA-509OR	FR, UV and oil resistant PVC based compound with good low temperature properties.	NA	2050	375	83/77A	-24	28	NO	YES	YES
MGA-509ORLT	Lead free, flame retardant, UV and oil resistant PVC jacketing compound with superior low temperature properties.	NA	1900	325	80/71A	-34	29	NO	YES	YES
MGA-1021-CJ	75°C CMR, CL2R, AND FPLR flame retardant jacketing compound.	75°C	3000	285	97/94A	-20	34	NO	NO	NO
MGA-1038-NAT-01	80°C PVC wire & cable compound. 60°C & 75°C SVT,SJT insulation.	80°C	1900	300	90/85A	NA	NA	NO	NO	NO
MGA-1042LF	UL bulletinized PVC based compound, suitable for injection molding applications.	80	2650	310	94/90A	-18	26	NO	NO	NO
MGA-1046CTLF	Lead free, 105°C tri-rated semi-rigid insulation compound suitable for UL style 1061, CSA-59 PVC MIL JL	105°C	3850	320	70A	NA	29	NO	NO	NO

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MGA-1046-80E	A high grade 80°C semi-rigid PVC insulating compound.	80°C	3770	275	67D	NA	29	NO	NO	NO
MGA-1050-OR3-LF	Lead free, 105°C PVC insulating compound designed for SJEOO applications - complies with RoHS requirements.	105°C	2580	380	86/78	NA	27	NO	YES	NO
MGA-1057H1-VW1LF	Lead free, 105°C, flat ribbon cable insulation.	105°C	2500	250	97/92A	NA	28	NO	NO	NO
MGA-1941-AFRO	105°C PVC insulating compound designed for SJEOO applications.	105°C	2650	350	84/75A	NA	27	NO	YES	NO
MGA-2190E-FR CLEAR	Specialty clear, 60°C insulating compound designed for excellent clarity and sunlight resistance.	60°C	2350	310	95/90A	-30	27	YES	NO	YES
MGA-2285FR	An 80°C clear flame retardant PVC compound	80°C	1850	340	90/85A	NA	26	YES	NO	NO
MGA-3133S-CCUV	Meets Style 1277 T.C. Power & control Cable requirements, and can be used for CM(X), CATV(X) and CL2 jacketing applications. UL listed for 729 hr. sunlight.	80	2800	280	95/92A	-17	29	NO	NO	YES
MGA-7056D-FR-105	105°C matt finish, FR, lead free, phthalate free PVC jacketing compound designed to be non-migratory to styrene and polycarbonate base connectors.	105°C	2600	340	90/83A	NA	26	NO	NO	NO
MGF-91-102-2	Non-migratory, non-contaminating, jacketing material designed to meet the requirements of MIL-C-17C Type 2a. This material has an operating temperature of 85°C to -45°C.	NA	1650	410	73/65A	-45	26	NO	NO	NO

MGPE2001E-ROHS NATURAL	GPE2001E-ROHS is flame retardant polyethylene compound designed for wire & cable applications. GPE2001E-ROHS complies with RoHS requirements.	NA	1200	300	NA	NA	28	NO	NO	NO
MGPE2001F-ROHS NATURAL	GPE2001F-ROHS is flame retardant polyethylene compound designed for wire & cable applications. GPE2001F-ROHS complies with RoHS requirements.	NA	1200	75	NA	NA	28	NO	NO	NO
MGTPPE-2203G1	RoHS complaint, 105°C, flexible, oil resistant TPE jacketing compound with extremely good low temperature properties.	105°	1710	350	70/58A	-53	26.5	NO	YES	NO
MGTPPE-2272ALC	Flame retardant, matt finish, 90°C, flexible, oil resistant, TPE jacketing compound.	90°C	1700	400	72/68A	-50	28	NO	YES	NO
MGTPPO8102BA-H NATURAL	A high-flow flame retardant TPO compound for insulation and jacketing designed for ribbon cable applications. The flame retardant package incorporates non-PBDPO, PBB, PBDE flame retardants which are RoHS and WEEE compliant. Formulated to meet UL VW-1 testing as well as CSA test C22-2 No. 0.6 flame tests.	NA	1800	500	95A	-47	26	NO	NO	NO
MGTPPO8102 R	An olefin based insulation and jacketing compound formulated to meet the UL VW-1 Standard and CSA test C22-2	NA	1900	600	95A	<-25	27	NO	NO	NO

	No. 0.6 flame test.									
MGTPO8280 Natural	105°C olefin-base compound for wire & cable insulation & jacketing	105°C	2700	300	80A	-55	NA	NO	NO	NO
MGTPO8290FR-75 RoHS	RoHS complaint, flexible flame retardant Thermoplastic Olefin	105°C	1800	500	75A	<-45	25	NO	NO	NO
MGTPO8290-GT7	80°C low smoke, zero halogen, flame retardant polyethylene compound for extrusion compounds. Specifically designed to withstand severe UV exposure, while maintaining very good color stability. Has excellent processing characteristics at low temperature profile and lower motor load.	80°C	1200	350	NA	NA	27.5	NO	NO	YES
MGTPO9005	A proprietary, low gravity, non-halogen based flame retardant thermoplastic polyolefin designed for extrusion in wire and cable applications	NA	1400	400	NA	NA	34	NO	NO	NO
MGTPO9008-1	Non-halogen flame retardant TPO for wire & cable extrusion	NA	1400	300	NA	NA	36	NO	NO	NO
MGTPO 9100HF	New generation 80/90 C, UV resistant, low gravity, flexible, polyolefin based Zero Halogen compound with good physical characteristics.	80/90°C	1800	450	NA	NA	44	NO	NO	YES