

micro | MB

White Masterbatch

About MicroMB

MicroMB offers reliable and high-quality brand of masterbatches, additives, fillers and recycled resins.

MicroMB serves the agriculture and animal feed, appliances, automative and transportation, building, construction and landscaping, consumer goods, electrics and electronics, healthcare, flexible and rigid packaging, textile ad fiber industries.

MicroMB is a brand owned by **INDEVCO Group** and licensed to be used by Napco. MicroMB range of white masterbatch products are manufactured in Egypt.

Premium White Masterbatch

MicroMB's premium white masterbatch is designed for superior whiteness, durability, and UV protection.

Grade Name	Carrier Resin	Pigment Loading	Filler	Additives	MFI (190°C, 2.16kg) (g/10min)	Specific Gravity	Bulk Density (g/cm3)	EC 10/2011 Food Approval	Applications						Benefits
									Blown Film	Injection Molding	Cast Film	Thermoforming	BOPP	Agriculture	
WT-N 62N	LLDPE	60	-	Antioxidants	20	1.70	1.15	Yes	●	●	●	●			High dispersion and high quality 60% White masterbatch
WT-N 7602	PP Homo	60	-	Antioxidants	15 (1)	1.60	1.05	Yes					●		High quality 60% White PP masterbatch specially designed for high whiteness and opacity BOPP films
WT-N 17015	LLDPE	70	-	Antioxidants	18	1.90	1.20	Yes	●	●	●	●			High dispersion and high quality 70% white masterbatch
WT-N 17013	LLDPE	70	-	Antioxidants	19	1.90	1.20	Yes	●	●	●	●			Very high quality 70% white masterbatch
WT-N 2708	LDPE	70	-	Antioxidants	16	1.90	1.15	Yes	●	●	●	●			Very high quality 70% white masterbatch
WT-N 7702	PP Homo	70	-	Antioxidants	17 (1)	1.90	1.10	Yes					●		High quality 70% white PP masterbatch specially designed for high whiteness and opacity BOPP films
WT-W 7102	PP Homo	10	CaCO3	Antioxidants	12 (1)	1.65	1.00	Yes					●		High quality white PP masterbatch for very low-density white BOPP films
WT-W 7302	PP Homo	30	CaCO3	Antioxidants	15 (1)	1.75	1.05	Yes					●		High quality white PP masterbatch for medium density white BOPP films
WT-N 2756	LDPE	75	-	Antioxidants	15	2.00	1.25	Yes	●	●	●	●			High dispersion and high quality 75% white masterbatch
WT-N 1802	LLDPE	80	-	Antioxidants	21	2.05	1.25	Yes	●	●	●	●			Very high quality 80% white masterbatch
WT-N 2802	LDPE	80	-	Antioxidants	13	2.05	1.25	Yes	●	●	●	●			High dispersion and high quality 80% white masterbatch

(1): MFI at 230°C, 2.16kg

Standard White Masterbatch

MicroMB's standard white masterbatch balances cost, performance, and quality with a versatile application.

Grade Name	Carrier Resin	Pigment Loading	Filler	Additives	MFI (190°C, 2.16kg) (g/10min)	Specific Gravity	Bulk Density (g/cm3)	EC 10/2011 Food Approval	Applications						Benefits
									Blown Film	Injection Molding	Cast Film	Thermoforming	BOPP	Agriculture	
White 160NI	LLDPE	60	-	-	20	1.70	1.15	Yes	●	●	●	●			Standard 60% White PE masterbatch for high opacity films
White 6040N	LDPE	60	-	-	13	1.70	1.10	Yes	●	●	●	●			Standard 60% White PE masterbatch for high opacity films
WT-WS 1060	LLDPE	60	CaCO3	Antistatic Antioxidants	30	1.90	1.15	Yes	●	●	●	●			High quality 60% white masterbatch with antistatic additve
WT-N 3601	GPPS	60	-	-	6 (2)	1.70	1.10	Yes		●		●			Standard 60% White PS masterbatch for high opacity trays/ boards/ cutleries
WT-N 7605	PP Homo	60	-	-	30(1)	1.70	1.05	Yes		●		●			Standard 60% White PP masterbatch for high opacity food pots
White 2080W	LLDPE	60	CaCO3	-	16	2.10	1.25	Yes	●	●		●			Standard 60% White PE masterbatch for high opacity films
White 2090N	LLDPE	70	-	-	16	1.95	1.21	Yes	●	●	●	●	●		Standard 70% White PE masterbatch for high opacity films
White 2690N	LDPE	70	-	-	10	1.95	1.15	Yes	●	●	●	●			Standard 70% White PE masterbatch for high opacity films
WT-N 7708	PP Homo	70	-	-	30(1)	1.90	1.10	Yes		●		●			Standard 70% White PP masterbatch for pipes, furniture…
White 2090W	LLDPE	70	CaCO3	-	15	2.20	1.33	Yes	●	●		●			Standard 70% White PE masterbatch for high opacity films
WT-N 1751	LLDPE	75	-	-	10	2.00	1.25	Yes	●	●		●			Standard 75% White PE masterbatch for high opacity films
WT-N 2755	LLDPE	75	-	-	17	2.00	1.27	Yes	●	●		●			Standard 75% White PE masterbatch for high opacity films
WT-N 1803	LLDPE	80	-	-	7	2.05	1.30	Yes	●	●		●			Standard 80% White PE masterbatch for high opacity films

(1): MFI at 230°C, 2.16kg **(2): MFI at 200°C, 5kg**

Commodity White Masterbatch

MicroMB offers cost-effective commodity white masterbatch compatible with various thermoplastic resins for good dispersion and color consistency.

Grade Name	Carrier Resin	Pigment Loading	Filler	Additives	MFI (190°C, 2.16kg) (g/10min)	Specific Gravity	Bulk Density (g/cm3)	EC 10/2011 Food Approval	Applications						Benefits
									Blown Film	Injection Molding	Cast Film	Thermoforming	BOPP	Agriculture	
WT-W 1203	LLDPE	20	CaCO3	-	10	1.85	1.10	Yes	●	●		●			Econimical 20% White PE masterbatch for commodity products
White 25W	LLDPE	25	CaCO3	-	17	1.85	1.15	Yes	●	●		●			Econimical 25% White PE masterbatch for commodity products
WT-W 1305	LLDPE	30	CaCO3	-	15	1.90	1.20	Yes	●	●		●			Econimical 30% White PE masterbatch for commodity products
WT-W 1358	LLDPE	35	CaCO3	-	13	1.95	1.22	Yes	●	●		●			Econimical 35% White PE masterbatch for commodity products
White 159W	LLDPE	40	CaCO3	-	15	2.00	1.25	Yes	●	●		●			Econimical 40% White PE masterbatch for commodity products
WT-W 15020	LLDPE	50	CaCO3	-	15	2.05	1.25	Yes	●	●		●			General purpose 50% White PE masterbatch for high opacity commodity products
WT-WX 1500	LLDPE	50	CaCO3	-	18	2.05	1.25	Yes	●	●		●			General purpose 50% White PE masterbatch for high opacity commodity products
WT-WX 1600	LLDPE	60	CaCO3	-	15	2.10	1.27	Yes	●	●		●			General purpose 60% White PE masterbatch for high opacity commodity products

Outdoor White Masterbatch

MicroMB's outdoor white masterbatch is specifically designed for plastic products exposed to sunlight and extreme temperatures, providing high weatherability and superior UV resistance.

Grade Name	Carrier Resin	Pigment Loading	Filler	Additives	MFI (190°C, 2.16kg) (g/10min)	Specific Gravity	Bulk Density (g/cm3)	EC 10/2011 Food Approval	Applications						Benefits
									Blown Film	Injection Molding	Cast Film	Thermoforming	BOPP	Agriculture	
WT-WU 1509	LLDPE	50	CaCO3	Antioxidants	10	2.05	1.20	Yes	●	●		●			General purpose 50% white masterbatch designed for outdoor applications.
White 60U	LLDPE	60	-	Antioxidants	16	1.70	1.10	Yes	●	●	●	●		●	High quality 60% white masterbatch designed for high quality outdoor films.
WT-WU 1604	LLDPE	60	CaCO3	Antioxidants	12	2.10	1.30	Yes	●	●		●			General purpose 60% white masterbatch designed for outdoor applications.
WT-NU 17012	LLDPE	70	-	UV stabilizers Antioxidants	18	1.95	1.21	Yes	●	●	●	●		●	High quality 70% white masterbatch designed for high quality outdoor films.
WT-NU 17017	LLDPE	70	-	Antioxidants	18	1.95	1.21	Yes	●	●	●	●		●	High quality 70% white masterbatch designed for high quality outdoor films.
WT-NU 2706	LDPE	70	-	UV stabilizers Antioxidants	15	1.95	1.15	Yes	●	●	●	●		●	High quality 70% white masterbatch designed for high quality outdoor films.
WT-NU 27010	LDPE	70	-	Antioxidants	15	1.95	1.15	Yes	●	●	●	●		●	High quality 70% white masterbatch designed for high quality outdoor films.
WT-NU 7709	PP Homo	70	-	Antioxidants	30 (1)	1.9	1.1	Yes		●		●		●	Standard quality 70% white masterbatch designed for outdoor PP based furniture, flower planters…

(1): MFI at 230°C, 2.16kg



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