

Technical Data Sheet

MB2091

DESCRIPTION

Developed by Muil Chemical, **MB2091** is LLDPE based masterbatch containing 45% carbon black, designed for use in polyolefin resin such as PE and PP. This is produced for ease of dispersion and is therefore suitable for direct addition and mixing with plastic resin in mixer, avoiding pollution and mal-scattering problems caused by pigment.

MB2091 provides the distinct characteristics for its stable dispersion and exhibits the blackness with the application of compounding & others. With the small amount of lubricants, it is designed by concentrating carbon black for the proper compatibility to the application.

KEY FEATURES

PE carrier resin
Good dispersion

Easy control processing
High content of carbon black

APPLICATIONS

Compound, Injection molding

COMPATIBILITY

LDPE, LLDPE, HDPE, PP
ABS, PBT, Nylon
PS, PC

Excellent
Not bad

TYPICAL PROPERTIES

	Properties	Remark
Base resin	LDPE	
Carbon black content	45%	
Carbon black diameter	18nm	
Melt index flow	1 g/10min	190°C / 10.0kgs
	4 g/10min	220°C / 10.0kgs
	13 g/10min	250°C / 10.0kgs
Appearance	Pellet, Powder	

The data in the table above are typical test values intended as guidance only, and are not product specifications.

PACKAGING

25kg Woven PP Laminated Paper Bag

Packing method requested by the clients, it may add an extra charge.

ADDRESS

Headquarter 621, Yeosusandan-ro, Yeosu-si, Jeollanam-do, Korea

Seoul office #1103, Dae-o Bldg., 53-1, Yeouinaru-ro, Yeongdeungpo-gu, Seoul, Korea

The above information is provided as guidelines only.