



## Technical Data Sheet – master-batch [blue white]

### CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:-

Chemical Name & Synonyms :	Polyethylene compound.
Chemical Family :	Compound.
C.A.S. No. :	MPW 175 – B 35.
Manufacturer's Name :	MINA PLAST FOR PLASTIC INDUSTRIES.
Address :	K3 Egypt Alexandria Agricultural road.
Website :	www.minaplastics.com
Telephone No. :	(+2) 0122 21 300 56 - (+2) 0122 32 216 73
Fax No. :	

### 1. PHYSICAL AND CHEMICAL PROPERTIES:-

Form:	Pellet
Melt Temperature (°C) :	125 (°C)
Let Down (%):	1- 5
Water Ratio (%):	≤ 0.15
Heat Stability(°C):	300 °C
Carrier:	LDPE+LLDPE
Resin Suitability:	PE, PP
Melt Flow Index (g/10mins):	≤ 15.0
Migration Resistance (level):	5
Heat Resistance (level):	5
Light Fastness (level):	7

### 2. STABILITY AND REACTIVITY:-

#### Chemical stability:-

This product is stable under normal use conditions for shock, vibration, pressure or temperature.

#### Chemical stability - Condition to Avoid:-

Avoid strong oxidizing agents. Avoid Processing Material over 300°C.

### 3. Corrosivity:-

Product is not corrosive.



4. **HEALTH AND SAFETY:-**

Does not contain heavy metals.

5. **Ecotoxicity:-**

Not toxic under normal conditions.

6. **Applications of the compound product:-**

Main Application: Extrusion.  
Blow molding.  
Injection molding.  
Coloration of shopping bags, films, bottles, drums, sheets, house wares, pipes, etc.

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### 10. HEALTH AND SAFETY:-

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### **11. Hazardous Decomposition:-**

Upon heating, polyethylene may emit various oligomers, waxes and oxygenated hydrocarbons as well as carbon dioxide, carbon monoxide and small amounts of other organic vapors (eg. Aldehydes). Inhalation of these decomposition products may be hazardous.

### **12. Ecotoxicity:-**

Not toxic under normal conditions.

### **13. Applications of the compound product:-**

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