

## Technical Data Sheet

Product Name: **Color Masterbatch, Grey**

Grade: **RP78CM-510**

### Description:

**RP78CM-510** is polyethylene based masterbatch containing high content of excellent quality color pigments which is well-dispersed in PE resin. This product provides excellent color cover up due to its high color content and appropriate dispersion. This grade has been designed for ease of dispersion and is therefore suitable for direct addition and mixing with LDPE, LLDPE, HDPE and PP.

### General Information:

<b>Material Status:</b>	Commercially Active
<b>Delivery form:</b>	Pellets
<b>Color:</b>	Grey
<b>Processing Method:</b>	Injection molding, Film blowing, Blow molding
<b>Application:</b>	Household parts, PE Packaging films, Shopping bags, Injected part
<b>Packing:</b>	25 kg

### Characteristics:

	Value	Unit	Test method
Density	1.1	gr/cm <sup>3</sup>	ASTM D 792
Melt Temperature	130	°C	Internal method
Moisture Content	≤ 0.15	%	ASTM D 644
Dispersion	Excellent	---	Internal method

### Recommendation:

- The recommended dosage is 1 to 4 % in PE depending on required quality
- The recommended processing temperature is lower than 250 °C
- Store in dry place away from direct sun exposure

Published July, 2023

**Web-site:** [www.rayanbaspar.com](http://www.rayanbaspar.com)

**E-mail:** [rayanbaspar.ind@gmail.com](mailto:rayanbaspar.ind@gmail.com)

**Tel:** +98 21 4478 7085

**Fax:** +98 21 4478 7085

**Address:** Polymer Technology Incubator (IPPI), Km 15, Tehran-Karaj high way, Tehran, Iran