

Technical Data Sheet

Product Name: **Mineral Filled Polyethylene Masterbatch**

Grade: **RP77PE-Film**

Description:

RP77PE-Film is calcium carbonate filled polyethylene masterbatch. It can be blended with polyethylene up to 70 % depending on the application and quality of finished product. This grade provides good productivity, increase of production rate, cost reduction and good tensile strength.

General Information:

| | |
|---------------------------|---|
| Material Status: | <i>Commercially Active</i> |
| Delivery form: | <i>Pellets</i> |
| Color: | <i>Natural</i> |
| Processing Method: | <i>Film blowing, Blow molding</i> |
| Application: | <i>PE Packaging films, Shopping bags, Garbage bags, Table cloth</i> |
| Packing: | <i>25 kg</i> |

Characteristics:

| | <i>Value</i> | <i>Unit</i> | <i>Test method</i> |
|------------------|--------------|--------------------|--------------------|
| Density | 1.9 | gr/cm ³ | ASTM D 792 |
| Mineral Content | 80±3 | % | ASTM D 4218 |
| Moisture Content | ≤ 0.1 | % | ASTM D 644 |
| Dispersion | Excellent | --- | Internal method |

Recommendation:

- The recommended dosage is 10 to 70 % in PE depending on required quality
- The recommended processing temperature is 170 to 210 °C
- Store in dry place away from direct sun exposure

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Web-site: www.rayanbaspar.com

E-mail: 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