BLACK PEARLS® 800 pigment black offers a balance of properties, which promote high jetness, blue undertone, UV protection and low viscosity in applications for plastics, coatings, and liquid dispersions.

**Performance Features**

**Color Properties**
Balance of jetness and blue tone that is desired in medium to high color black applications in plastics, coatings, and magnetic media.

**Dispersion**
Typically diluted from a liquid mill base or plastic masterbatch, BLACK PEARLS 800 gives excellent surface quality as measured by pips, bumps, and surface imperfections.

**Viscosity**
BLACK PEARLS 800's low vehicle demand gives lower viscosity plastic masterbatch and liquid mill base formulations in comparison to higher vehicle demand pigment blacks.

**UV Protection**
BLACK PEARLS 800's particle size and shape promote UV energy absorption for protection of polymers from harmful UV radiation.

**Physical Form**
BLACK PEARLS 800 is a pelleted pigment black that is also available in an easier to disperse powdered form as MONARCH® 800.

**Conductivity**
In the field of Magnetic Media, it is used to impart conductivity.

**Typical Applications**
- Molding and thermoforming of high color plastic parts
- Coatings applications
- Liquid dispersions
- Dispersion for leather and textiles
- Magnetic Media

BLACK PEARLS 800 has a typical bulk density of 430 kg/m³ (27 lb/ft³).
Typical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iodine number (mg/g)</td>
<td>258</td>
<td>ASTM D-1510</td>
</tr>
<tr>
<td>OAN (cc/100g)</td>
<td>65</td>
<td>ASTM D-2414</td>
</tr>
<tr>
<td>325 Mesh residue (ppm)</td>
<td>&lt;200</td>
<td>ASTM D-1514</td>
</tr>
<tr>
<td>Moisture as packed (%)</td>
<td>&lt;3.0</td>
<td>ASTM D-1509</td>
</tr>
<tr>
<td>Density (kg/m³)</td>
<td>430</td>
<td>ASTM D-1513</td>
</tr>
</tbody>
</table>

Standard Packaging Options

<table>
<thead>
<tr>
<th>Pack</th>
<th>Weight (kg), Dimension (cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bag</td>
<td>20/25 kg paper</td>
</tr>
<tr>
<td>IBC</td>
<td>1,100 kg, 200 cm, 1,000 lb, 100 cm</td>
</tr>
</tbody>
</table>

Molding
Dispersability

Blue Tone

Masterbatch Dilutability

UV Stability

Color Strength

Performance improves from chart center

MSDS

Material Safety Data Sheets are available from all Regional Sales Offices. The location of the nearest Sales Office can be found below.

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