

## BLACK PEARLS® 4840



BLACK PEARLS® 4840 pigment black offers high color where ease of dispersion is required for interior/exterior automotive, electronic, appliance and business machine applications. These performance attributes hold high value in engineering resins such as:

- ABS
- Polycarbonate
- Polyacetal (POM)
- TPO
- Polyamide
- Blends and Alloys
- Polyester

### Performance Features

#### Color Properties

High color in plastics as measured by Hunter Colorimeter L\*.

#### Dispersion

BLACK PEARLS 4840 offers superior dispersion to similar color competitive pigment blacks. The most immediate benefit of better dispersion is superior product appearance – fewer pips, bumps, and other surface imperfections. High intensity mixing is recommended typically in the range of 25% to 30% by weight into polymer.

#### Viscosity

BLACK PEARLS's moderate vehicle demand gives similar masterbatch viscosity in comparison to competitive carbon blacks.

#### UV Protection

BLACK PEARLS 4840's particle size and shape promote UV energy absorption for protection of polymers from harmful UV radiation.

### Typical Applications

- High color interior/exterior automotive
- High color electronic, appliance, and business machine applications
- High color thermoform sheet applications

BLACK PEARLS 4840 is a pelleted pigment black with a typical bulk density of 430 kg/m<sup>3</sup> (27 lb/ft<sup>3</sup>).

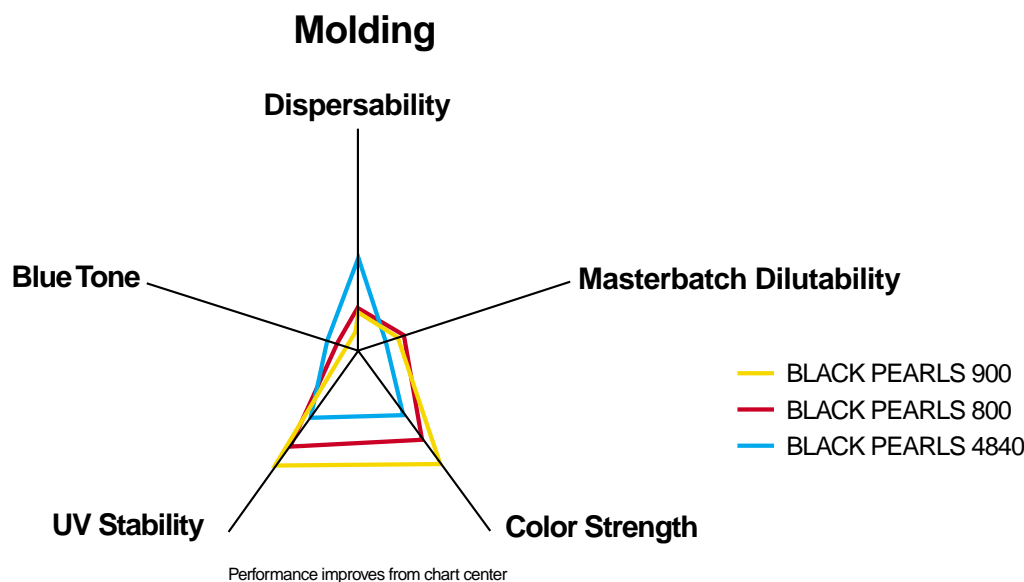


## Typical Properties

Property	Value	Test Method
Iodine number (mg/g)	205	ASTM D-1510
OAN (cc/100g)	90	ASTM D-2414
325 Mesh residue (ppm)	<100	ASTM D-1514
Moisture as packed (%)	<3.0	ASTM D-1509
Density (kg/m <sup>3</sup> )	430	ASTM D-1513

## Standard Packaging Options

Bag	20 kg poly	50 lb poly
IBC	1,000/2,000 lb	



## 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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