PIGMENT GREEN 7

The best plastics are made with the best pigments

DCC 4427
Phthalo Green
FDA Compliant
A cost effective alternative
Pigment Green 7 – DCC 4427

Chemical Class
Copper Phthalocyanine Green
CAS No. 1328-53-6
C.I. PG.7

Product Overview
DCC 4427 is a blue shade green with very good opacity, high saturation and very good weathering resistance. Material is in-stock and available for sampling.

This product is supported by:
DCC’s global distribution network
DCC’s technical service and support
Local warehousing capabilities that ensure on-time delivery
DCC’s commitment to quality products

Product Characteristics:

Physical Properties
Specific Gravity: 1.45 g/mL
Oil Absorption: 32 g/mL
Moisture: 2% max.

Weatherfastness
Full Shade: Excellent
1:10 TiO₂: Excellent

Resistance Properties
Acid: Excellent
Alkali: Excellent
Soap: Excellent
Organic Solvents: Excellent

Heat Resistance
Heat stable to 300°C or 572°F in HDPE.
(5 minute dwell time, 1% pigment)

Performance Characteristics:

Colour and Heat Stability Comparison

<table>
<thead>
<tr>
<th>Standard</th>
<th>Trial</th>
<th>Masstone</th>
<th>Tint</th>
</tr>
</thead>
<tbody>
<tr>
<td>Market Standard for PG.7</td>
<td>DCC 4427</td>
<td>+Slightly light, ΔE* 1.28</td>
<td>Slightly yellow hue, 3% weak</td>
</tr>
</tbody>
</table>

Table of Results - TM 4215

<table>
<thead>
<tr>
<th>Standard</th>
<th>Trial</th>
<th>Heat Stability in H.D.P.E.</th>
<th>Stable up to °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Market Standard for PG.7</td>
<td>DCC 4427</td>
<td>Comparable</td>
<td>DCC 4427 &gt;300°C</td>
</tr>
</tbody>
</table>

The information in this brochure is based on extensive testing and application experience and is believed to be a reliable indication of the results that may be expected. However, the data does not constitute a specification for the products, and is offered only as a guide to performance without guarantee or warranty of any kind. Because of the difficulties of modern colour reproduction, the shades may vary slightly from the final colour application. Since many variables have a strong influence on pigment performance, the users are encouraged to test each product in their own laboratory prior to use.

Dominion Colour Corporation
Working Together For Quality

www.dominioncolour.com / (416) 791-4253
sales@dominioncolour.com