

# Technical Data Sheet

## Pigment Red 166



FINELAND CHEM  
泛成化工

### General Information

|                  |                                                                               |
|------------------|-------------------------------------------------------------------------------|
| Color Index      | Pigment Red 166 (C.I. 20730)                                                  |
| Product Code     | DuraPlast®3566                                                                |
| CAS NO.          | 3905-19-9                                                                     |
| EC No.           | 223-460-6                                                                     |
| Chemical Formula | C <sub>40</sub> H <sub>24</sub> CL <sub>4</sub> N <sub>6</sub> O <sub>4</sub> |

### Physical Properties

|                                          |           |
|------------------------------------------|-----------|
| Density (g/cm <sup>3</sup> )             | 1.57      |
| Specific Surface Area(m <sup>2</sup> /g) | 26-38     |
| Oil Absorption (g/100g)                  | 38-45     |
| PH Value                                 | 6.5-7.5   |
| Bulk Density (lb/gal)                    | 13.4-15.8 |
| Total impurities(ppm)                    | ≤ 600     |

### Fastness Properties

|                                    |     |                            |   |
|------------------------------------|-----|----------------------------|---|
| Heat Resistance (°C)               | 300 | Alkali Resistance (1-5)    | 5 |
| Light Resistance (Full Shade, 1-8) | 8   | Migration Resistance (1-5) | 5 |
| Light (Reduced tinting, 1-8)       | 7   | Ethyl Acetate (1-5)        | 5 |
| Weather Resistance (1-5)           | 5   | Ethanol (1-5)              | 5 |
| Acid Resistance (1-5)              | 5   | MEK (1-5)                  | 5 |

### Application & Performance

High heat resistance. It can be used for PP, PE, PVC, PS etc. And rubbers.

### Note

Fineland Chem offers innovative pigment technologies designed for long-lasting performance and consistent quality in industrial use. Product data is based on current knowledge and for reference only. Users should verify suitability; no liability is assumed for specific applications.

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