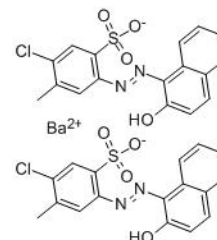


## Technical Data Sheet

### Pigment Red 53:1

#### Compound Information

<b>Product Name:</b>	Pigment Red 53:1
<b>CAS No.:</b>	5160-02-1
<b>Molecular Formula:</b>	C <sub>34</sub> H <sub>24</sub> BaCl <sub>2</sub> N <sub>4</sub> O <sub>8</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	888.94
<b>Storage:</b>	Store at RT
<b>Revision Date:</b>	2026-04-15



#### Analytical Information

Tests	Specifications
Form	powder to crystal
Color	Orange to Red
Absorbance(E1%1cm)	≥400(H <sub>2</sub> O, max= 505-509 nm)
Acid Resistance	3
Alcohol Resistance	4
Alkali Resistance	4
Chemical Group	Monoazo Lake
Heat Resistance	180 °C
Light Fastness	5
Moisture, %	1.5 max.
Oil Absorption, g/100g	40-50
PH	7.0-8.0
Residue (120mesh), %	5.0 max.
Soap Resistance	4
Water Soluble Matter, %	1.5 max.
BET Surface Area	53 m <sup>2</sup> /g
Migration Resistance	4
Application	Plastics, masterbatches, PVC, HDPE, rubbers.
Bleeding Resistance	4

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.