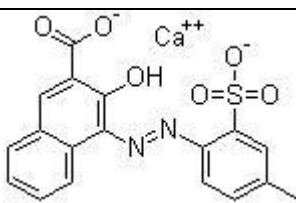


SUNGMIN TRADING

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TECHNICAL DATA SHEET

Product name:	Pigment Red 57:1																
Chemical type:	Lake Pigment	Molecular formula:	C ₁₈ H ₁₂ CaN ₂ O ₆ S														
CAS No.	5281-04-9	Molecular weight:	424.44														
EINECS No.	226-109-5	C.I	15850:1														
Molecular structure:																	
Appearance:	Red powder																
Shade:	Similar to the standard																
Colorimetric value:	$\Delta E \leq \pm 1.0$; $\Delta L \leq \pm 1.0$; $\Delta C \leq \pm 1.0$; $\Delta H \leq \pm 1.0$; $\Delta A \leq \pm 1.0$; $\Delta B \leq \pm 1.0$;																
Tinting strength:	Corresponding to standard (100±5)%																
Density:	1.42-1.80 g/cm ³																
Oil absorption:	45-60%																
Specific surface:	21-105 m ² /g																
Opacity:	Semi-transparent																
Fastness:	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 16.6%;">Heat</th> <th style="width: 16.6%;">Light</th> <th style="width: 16.6%;">Water</th> <th style="width: 16.6%;">Oil</th> <th style="width: 16.6%;">Acid</th> <th style="width: 16.6%;">Alkali</th> </tr> </thead> <tbody> <tr> <td>180°C</td> <td>6</td> <td>4</td> <td>3</td> <td>4</td> <td>5</td> </tr> </tbody> </table>					Heat	Light	Water	Oil	Acid	Alkali	180°C	6	4	3	4	5
Heat	Light	Water	Oil	Acid	Alkali												
180°C	6	4	3	4	5												
Performance and features:	RECOMMENDED OFFSET INK, PLASTIC.																

Note: Our specifications stated above are based on our present state of knowledge and only provide general notes on our products and their uses.