

# ***RCL EXPORTS INDIA PVT. LTD***

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## **Technical Data Sheet**

### **Product Description**

CI Generic Name	<b>Pigment Blue 29</b>	RCL Product Code	<b>Ultramarine Blue 1129</b>
CI No.	<b>77007</b>	CAS No.	<b>57455-37-5</b>
EINECS No.		Chemical Type	<b>Ultramarine blue</b>
Molecular Formula	<b>Na<sub>6</sub>-8Al<sub>6</sub>Si<sub>6</sub>S<sub>2</sub>-4O<sub>24</sub></b>	Molecular Weight	<b>916-1026</b>
Chemical Name			

### **Physical Properties**

Sieve Residue (PPM) Max.	1000
Oil Absorption(gms)	35-55
Bulk Density (gm/ml)	35-55
Salt Content (%) Max.	1
Moisture Content (%) Max.	1
PH value	6-9
Form	Powder
Colour	Bright Blue (Light , Medium & Dark)
Odor	odourless
Melting point/range	335°C
Flash point	Not applicable
Flammability	Non-flammable
Ignition temperature	Not applicable
Danger of explosion	Not explosive. Dust can form an explosive mixture with air
Solubility in water	Insoluble
Vapour Pressure	Not applicable

### **Fastness properties**

Heat	150 °C
Light fastness(Mass)	7-8
Light fastness(Tint)	7-8
Weather Fastness	Mass : Tint :
Over spray	

### **Solvent Fastness**

Water	5
Ethanol	4-5
Xylene	4-5
Ethyl Acetate	4-5
Methyl Ethyl Ketone	4-5
Mineral Spirit	4-5
Acid	1
Alkali	2-3

### **Application**

Automotive	*
General Industrial	
Decorative	*
Powder Coating	*

### **Specification**

**Coloristic properties** Strength :  $\pm 5\%$  And DA , DB , DE , DC , DH , DL :  $\leq \pm 1.00$   
**Light fastness** : Scale 1 - 8 1=Poor & 8=Excellent  
**Weather Fastness** : Scale 1 - 5 1=Poor & 5=Excellent  
**oversprey** : Scale 1 - 5 1=Poor & 5=Excellent  
**Solvent Fastness** : Scale 1 - 5 1=Poor & 5=Excellent  
**Application** : \* = Suitable , \*\* = Limited Suitability