



RCL Exports India Pvt. Ltd.

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GST No. : 07AADCR2086B1ZO



ISO 9001 : 2015
CERTIFIED COMPANY

Technical Data Sheet

RCL PIGMENT ALPHA BLUE (15:0) FOR PLASTIC AND PVC

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|-----|-------------------------|---|-----------|
| 1. | Product Name | RCL ALPHA BLUE 15.0 FOR PLASTIC AND PVC | |
| 2. | C.I. Number | 74160 | |
| 3. | C.I Identity | Pigment Alpha Blue (15:0) | |
| 4. | Cas Registry No. | 147-14-8 | |
| 5. | Chemical Type | Organic | |
| 6. | Chemical Description | Phthalocyanine Blue, Alpha Modification | |
| 7. | Chemical Formula | C ₃₂ H ₁₆ N ₈ Cu | |
| 8. | Physical Form | Dark Blue Powder | |
| 9. | Color | Blue | |
| 10. | Odor | Odorless | |
| 11. | Molecular Weight | 576 | |
| 12. | Solubility in Water | Insoluble | |
| 13. | Specific Gravity | 1.4 – 1.5 | |
| 14. | Moisture Content | < 0.5% | |
| 15. | Residue in Sieve | < 0.5% | |
| 16. | Matter Soluble in water | < 1% | |
| 17. | Bulk Density | 0.36 gm/cc | |
| 18. | Ph 5% Slurry | From 6 to 8 | |
| 19. | Oil Absorption | 40 to 45 gms/100 Grams of pigment | |
| 20. | PCB | Less than 10 PPM | |
| 21. | Heat Stability 180°C | Minimum 5 Minutes | |
| 22. | Strength | 100 % ± 3% | |
| 23. | Fastness Property | Solvent Fastness | Excellent |
| | | Light Fastness | Excellent |
| | | Chemical Fastness | Excellent |
| | | Weather Fastness | Excellent |
| | | Migration Fastness | Excellent |
| | | Full tone Fastness | Excellent |
| | | Tint Tone Fastness | Excellent |
| | | Heat Stability Fastness | Excellent |
| 24. | Application | AS PER Below | |
| | | PLASTICS | |
| | | PVC, | |
| | | LDPE. | |