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| **Tested Parameters** | **Standard Method** | **PCC** |
| Viscosity Pure (sec,ZC2) | ASTM D1200 | 21 |
| Printing viscosity (sec,ZC2) | ASTM D1200 | 16 |
| L:a:b Values | ASTM E313 | 72.7 : 1.4 : 86.7 |
| Drying time | PCC/LAB/SOP-001 | As per standard |
| Heat Seal at 110°C | PCC/LAB/WI-009 | Ok |
| Tape Test | PCC/LAB/SOP-001 | Ok |
| Scratch Test | PCC/LAB/SOP-001 | Ok |
| Gloss | ASTM D2369 | 52.6 |

Customer: Nisar Art Press

Ink Code: RNP-2101 (Yellow) Date: 19-11-2021

**Shade**

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| **PCC** |

Remarks: Use ink at printing viscosity

\*Viscosity is checked at controlled temperature (25°C). Actual viscosity may vary depending on ambient temperature.

Evaluator: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Approved by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Customer: Nisar Art Press

Ink Code: RNP-4277 (Red) Date: 19-11-2021

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| **Tested Parameters** | **Standard Method** | **PCC** |
| Viscosity Pure (sec,ZC2) | ASTM D1200 | 19 |
| Printing viscosity (sec,ZC2) | ASTM D1200 | 16 |
| L:a:b Values | ASTM E313 | 39.7 : 64.9 : 27.8 |
| Drying time | PCC/LAB/SOP-001 | As per standard |
| Heat Seal at 110°C | PCC/LAB/WI-009 | Ok |
| Tape Test | PCC/LAB/SOP-001 | Ok |
| Scratch Test | PCC/LAB/SOP-001 | Ok |
| Gloss | ASTM D2369 | 80.9 |

**Shade**

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| **PCC** |

Remarks: Use ink at printing viscosity

\*Viscosity is checked at controlled temperature (25°C). Actual viscosity may vary depending on ambient temperature.

Evaluator: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Approved by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Customer: Nisar Art Press

Ink Code: RNP-4259 (Magenta) Date: 19-11-2021

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| **Tested Parameters** | **Standard Method** | **PCC** |
| Viscosity Pure (sec,ZC2) | ASTM D1200 | 16 |
| Printing viscosity (sec,ZC2) | ASTM D1200 | 16 |
| L:a:b Values | ASTM E313 | 32.1 : 66.2 : 13.8 |
| Drying time | PCC/LAB/SOP-001 | As per standard |
| Heat Seal at 110°C | PCC/LAB/WI-009 | Ok |
| Tape Test | PCC/LAB/SOP-001 | Ok |
| Scratch Test | PCC/LAB/SOP-001 | Ok |
| Gloss | ASTM D2369 | 82.2 |

**Shade**

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| **PCC** |

Remarks: Use ink at printing viscosity

\*Viscosity is checked at controlled temperature (25°C). Actual viscosity may vary depending on ambient temperature.

Evaluator: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Approved by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Customer: Nisar Art Press

Ink Code: RNP-6253 (Cyan) Date: 19-11-2021

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| **Tested Parameters** | **Standard Method** | **PCC** |
| Viscosity Pure (sec,ZC2) | ASTM D1200 | 18 |
| Printing viscosity (sec,ZC2) | ASTM D1200 | 16 |
| L:a:b Values | ASTM E313 | 44.1 : -21.5 : -41.3 |
| Drying time | PCC/LAB/SOP-001 | As per standard |
| Heat Seal at 110°C | PCC/LAB/WI-009 | Ok |
| Tape Test | PCC/LAB/SOP-001 | Ok |
| Scratch Test | PCC/LAB/SOP-001 | Ok |
| Gloss | ASTM D2369 | 64.8 |

**Shade**

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| **PCC** |

Remarks: Use ink at printing viscosity

\*Viscosity is checked at controlled temperature (25°C). Actual viscosity may vary depending on ambient temperature.

Evaluator: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Approved by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Customer: Nisar Art Press

Ink Code: RNP-8039 (Black) Date: 19-11-2021

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| **Tested Parameters** | **Standard Method** | **PCC** |
| Viscosity Pure (sec,ZC2) | ASTM D1200 | 20 |
| Printing viscosity (sec,ZC2) | ASTM D1200 | 16 |
| L:a:b Values | ASTM E313 | 19.2 : 1.6 : 5.6 |
| Drying time | PCC/LAB/SOP-001 | As per standard |
| Heat Seal at 110°C | PCC/LAB/WI-009 | Ok |
| Tape Test | PCC/LAB/SOP-001 | Ok |
| Scratch Test | PCC/LAB/SOP-001 | Ok |
| Gloss | ASTM D2369 | 83.8 |

**Shade**

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| **PCC** |

Remarks: Use ink at printing viscosity

\*Viscosity is checked at controlled temperature (25°C). Actual viscosity may vary depending on ambient temperature.

Evaluator: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Approved by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Customer: Nisar Art Press

Ink Code: RNP-1023 (White) Date: 19-11-2021

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| **Tested Parameters** | **Standard Method** | **PCC** |
| Viscosity Pure (sec,ZC2) | ASTM D1200 | 23 |
| Printing viscosity (sec,ZC2) | ASTM D1200 | 16 |
| Drying time | PCC/LAB/SOP-001 | As per standard |
| Heat Seal at 110°C | PCC/LAB/WI-009 | Ok |
| Tape Test | PCC/LAB/SOP-001 | Ok |
| Scratch Test | PCC/LAB/SOP-001 | Ok |
| Gloss | ASTM D2369 | 82.8 |
| Opacity | ISO 2471 | 55.0 |

**Shade**

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|  |
| **PCC** |

Remarks: Use ink at printing viscosity

\*Viscosity is checked at controlled temperature (25°C). Actual viscosity may vary depending on ambient temperature.

Evaluator: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Approved by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_