



RESILON POLYMERS PVT. LTD.

Certificate of Analysis

Product RAYLON 06

Grade 06RUFNL

Color NATURAL

Lot No.

Date

Description: -

This is to certify that above material is tested as per the given details and the results are recorded as under.

| Properties | Test Condition | Test Method | Unit | Typical Value | Tolerance | Result |
|--|----------------|-------------|----------|---------------|-----------|--------|
| Physical | | | | | | |
| Specific Gravity | | ASTM D792 | - | 1.13 | +/-0.02 | 1.13 |
| Melt Flow Rate | 275° C/2.16Kg | ASTM D1238 | g/10min | 25 | +/-5 | 24 |
| Mechanical | | | | | | |
| Tensile Strength@yield | 50mm/min | ASTM D638 | Mpa | 75 | +/-10 | 74 |
| Tensile Elongation@Break | 50mm/min | ASTM D638 | % | 20 | +/-5 | 20 |
| Flexural Modulus | 2mm/min | ASTM D790 | Mpa | 2800 | +/-200 | 2650 |
| Flexural Strength | 2mm/min | ASTM D790 | Mpa | 100 | +/-10 | 107 |
| Izod Impact 3.2 mm Notched | 23°C | ASTM D256 | Kg cm/cm | 6 | +/-1 | 6 |
| Thermal | | | | | | |
| Heat Deflection Temperature (annealed) | 1.80 Mpa | ASTM D648 | °C | 75 | +/-10 | 77 |

Note: - Properties measured at DAM conditions.

This is system generated report, hence no signature is required.