

TECHNICAL DATA

| CUSTOMER | TYPE | THICKNESS | WIDTH | LENGTH | LOT |
|----------|--------------|--|-------|------------------------------------|-----|
| | CNR02 | 15 μm 60 G | | 6,000 m 19,685 Ft | |

| Properties | Unit | Standard | Measured | Test Method |
|--------------------------|---------------------|------------------|----------|--------------|
| Average Thickness | μ m | 15.0 \pm 0.6 | 15.2 | KOLON Method |
| Tensile Strength_MD | kgf/mm ² | 31.0 \pm 6.0 | 31.7 | ASTM D-882 |
| Tensile Strength_TD | kgf/mm ² | 33.0 \pm 6.0 | 34.7 | ASTM D-882 |
| Elongation at Break_MD | % | 140.0 \pm 20.0 | 132.4 | ASTM D-882 |
| Elongation at Break_TD | % | 130.0 \pm 20.0 | 120.9 | ASTM D-882 |
| Modulus_MD(0.2kg) | kgf/mm ² | 270.0 \pm 60.0 | 272.2 | ASTM D-882 |
| Modulus_TD(0.2kg) | kgf/mm ² | 230.0 \pm 60.0 | 219.2 | ASTM D-882 |
| Heat Shrinkage_MD(100°C) | % | 3.3 \pm 0.8 | 3.3 | KOLON Method |
| Heat Shrinkage_TD(100°C) | % | 3.0 \pm 0.8 | 2.9 | KOLON Method |
| Friction Coefficient_μS | - | 0.53 \pm 0.15 | 0.58 | ASTM D-1894 |
| Friction Coefficient_μK | - | 0.45 \pm 0.15 | 0.55 | ASTM D-1894 |
| Haze | % | 3.30 \pm 1.00 | 4.30 | ASTM D-1003 |
| Wetting Tension_In | dynes/cm | 52 \pm 4 | 54 | ASTM D-2578 |
| Wetting Tension_Out | dynes/cm | 52 \pm 4 | 54 | ASTM D-2578 |



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