

PVDC-coated Biaxially Oriented Gas Barrier Polyester Film

General Property of “EMBLET™ KPT”

Effective Date : 3rd February 2025

| Properties | | Test Method | Units | Measurement Value |
|---|--------------------------------------|--|----------------------------|-------------------|
| Base Film Thickness | | ISO 4593 | µm | 12 |
| Tensile Strength | MD | ISO 527-3 | MPa | 255 |
| | TD | | | 200 |
| Elongation | MD | ISO 527-3 | % | 120 |
| | TD | | | 165 |
| Heat Shrinkage | MD | UNITIKA Method Dry Air 160°C-15min. | % | 1.5 |
| | TD | | | 0.0 |
| Oxygen Transmission Rate (O ₂ TR) | | ISO 15105-2 20°C-90%RH | ml/(m ² ·d·MPa) | 80 |
| Water Vapor Transmission Rate (WVTR) | | ISO 15106-2 40°C-90%RH | g/(m ² ·d) | 15 |
| Haze | | ISO 14782 | % | 5.5 |
| Coefficient of Friction, Kinetic | Non-coated Side / Non-coated Side | ISO 8295 | — | 0.40 |
| | Coated Side | ISO 8296 | mN/m | 54 |
| Non-coated Side | 40 | | | |

Test condition is 23°C-50%RH unless described in Test Method.

Described data is for information only and no guarantee of all products property.