

HIGH-BARRIER WHITE ADHESIVE FILM

Ultra-low pre-crosslinking white adhesive film for high barrier packages.

HJT、PERC、TOPCON single glass photovoltaic module.



Product Characteristics

- ✓ Better scattering effect; High reflection angle; High power gain.
- ✓ Low water vapor transmission rate.
- ✓ Low packaging cost;
Adhesive film thickness 10-12 mm narrower than glass.
- ✓ Better plasticizing effect,
Enables tight connection between the soldering tape and the cell.
- ✓ Reduce micro-cracks during cell lamination.

Technical Properties

| Performance Indicators | | Unit | Test Method | Data |
|-------------------------|----------------|-----------------------|-------------|----------------------------------|
| Model/Using Instruction | | / | / | High-barrier white adhesive film |
| Shrinkage Ratio | MD | % | GB/T29848 | ≤3.0 |
| | TD | % | GB/T29848 | ≤1.5 |
| Reflectivity | 400-1100nm | % | GB/T29848 | ≥90 |
| Peel Strength | Film/Glass | N/cm | GB/T29848 | ≥150 |
| | Film/Backsheet | N/cm | GB/T29848 | ≥150 |
| PCT48 | Film/Glass | N/cm | GB/T29848 | ≥40 |
| Peel Strength | Film/Backsheet | N/cm | GB/T29848 | ≥40 |
| Crosslink Degree | | % | GB/T29848 | ≥80 |
| Volume Resistivity | | Ω·cm | GB/T29848 | ≥1*10 ¹⁴ |
| Water Vapor Barrier | | g/m ² .day | ISO15106-3 | ≤5.0 |

The technical parameters in Betterial product manual are for reference only. Technical specifications are subject to change without any prior notice.

Copyright© Betterial(202307V1)