

Alishan FC-T EVA Encapsulant



Alishan FC - T is one of the fast cure variants of EVA encapsulants manufactured by Alishan Green Energy Private Limited, in the world class manufacturing technology and proven raw materials.

This especially meant for front/top EVA with transparency and better PID resistance. Our EVA ensures the reliability and life of solar modules in the field, these fast cure EVA encapsulants can be laminated in upto 15 minutes at a temperature varying from 140 - 150 °C

| | | | | |
|---------------------|----------------------------|-------------------|---------|----------------|
| Product | Alishan FC - T | | | |
| Linear meter | Upto 150 meters | | | |
| Width | Upto 1350 mm | | | |
| Thickness | Upto 0.80 mm | | | |
| Properties | Description | Standard | UOM | Alishan FC-T |
| Physical property | Tensile strength | ASTM D 638 | Mpa | ≥ 16 |
| | Elongation | | % | ≥ 600 |
| | Adhesion with Glass | ASTM D 903 | N/cm | ≥ 75 |
| | Adhesion with Backsheet | | N/cm | ≥ 75 |
| Thermal Property | Thermal Shrinkage | 160 Deg C / 5 min | % | MD ≤3 MD ≤1 |
| Gel content | | ASTM D 2765 | % | ≥ 75 |
| Optical Property | Transmittance | ASTM E 424 | % | ≥ 91 |
| | UV cutoff | | nm | - |
| | Yellow index | | - | ≤ 1 |
| Lamination Property | | | UOM | Values |
| | Vacuum / Evacuation Time | | Minutes | 4 - 6 |
| | Lamination / Pressing Time | | Minutes | 8 - 10 |
| | Lamination Temperature | | °C | 140 – 150 |

Packing:

The EVA rolls is wound on standard 3 inch (inner diameter) paper core, standard length of EVA film in a roll is 150 meter. Each roll wrapped in polyethylene film and placed in a carton box and 9 boxes placed in a pallet

Storage:

Must be stored in a dry and temperature of ≤30 °C and humidity ≤ 60%, the shelf life of this product is 6 months from the date of manufacturing.

Alishan UFC-T EVA Encapsulant



Alishan UFC - T is one of the ultra fast cure variants of EVA encapsulants manufactured by Alishan Green Energy Private Limited, in the world class manufacturing technology and proven raw materials. This especially meant for front/top EVA with transparency and better PID resistance. Our EVA ensures the reliability and life of solar modules in the field, these ultra fast cure EVA encapsulants can be laminated at upto 12 minutes at a temperature varying from 140 - 150 °C

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|---------------------|----------------------------|-------------------|---------|------------------|
| Product | Alishan UFC - T | | | |
| Linear meter | Upto 150 meters | | | |
| Width | Upto 1350 mm | | | |
| Thickness | Upto 0.80 mm | | | |
| Properties | Description | Standard | UOM | Alishan UFC-T |
| Physical property | Tensile strength | ASTM D 638 | Mpa | ≥ 16 |
| | Elongation | | % | ≥ 600 |
| | Adhesion with Glass | ASTM D 903 | N/cm | ≥ 75 |
| | Adhesion with Backsheet | | N/cm | ≥ 75 |
| Thermal Property | Thermal Shrinkage | 160 Deg C / 5 min | % | MD ≤ 3 MD ≤ 1 |
| Gel content | | ASTM D 2765 | % | ≥ 75 |
| Optical Property | Transmittance | ASTM E 424 | % | ≥ 91 |
| | UV cutoff | | nm | - |
| | Yellow index | | - | ≤ 1 |
| Lamination Property | | | UOM | Values |
| | Vacuum / Evacuation Time | | Minutes | 3 - 8 |
| | Lamination / Pressing Time | | Minutes | 6 - 12 |
| | Lamination Temperature | | °C | 140 – 150 |

Packing:

The EVA rolls is wound on standard 3 inch (inner diameter) paper core, standard length of EVA film in a roll is 150 meter. Each roll wrapped in polyethylene film and placed in a carton box and 9 boxes placed in a pallet

Storage:

Must be stored in a dry and temperature of ≤ 30 °C and humidity ≤ 60%, the shelf life of this product is 6 months from the date of manufacturing.