

# TR147 HOT MELT GLUE



**Semi Auto Edge Banding Machine**

**TR 147** is an EVA based filled edge banding hot-melt with low application temperature for manual edge banding machine. It has long open time which suitable for low production speed. Suitable edging substrates are PVC, paper, wood veneer and polyester edges. It also can be used for soft forming with thermo sensitive PVC edges.



## PHYSICAL AND CHEMICAL PROPERTIES

|                                             |                 |
|---------------------------------------------|-----------------|
| Form                                        | Granulate       |
| Colour                                      | Natural (Beige) |
| Odour                                       | Faint           |
| Density (20°C) (g/cm <sup>3</sup> )         | 1.2462          |
| Melt Viscosity at 130°C (Brookfield)(m Pas) | circa 68000     |
| Softening point (ring and ball)(°C)         | circa 95.0      |
| Working temperature (°C)                    | 130 - 150       |

*Note: Do not overheat the hot melt during processing. Temperature above 150°C should be avoided.*

Room and material temperature: 18 .....22°C  
 Material moisture: 8 .....10%  
 Feed speed: 5 .....20 m/mnin

Working temperature at the wheel: **130 ~ 150°C**  
 Packaging **25kgs/ Bag**



**TR 180** is an EVA based edge banding hot-melt for automatic edge banding machine. It has good adhesion and thermal stability. Possesses a low melt viscosity and emit low odour during thermal processing. It is particularly suitable for bonding PVC, Veneer, ABS, and melamine resin edges.

#### PHYSICAL AND CHEMICAL PROPERTIES

|                                             |                    |
|---------------------------------------------|--------------------|
| Form                                        | Granulate          |
| Colour                                      | Yellow translucent |
| Odour                                       | Faint              |
| Density (20°C) (g/cm <sup>3</sup> )         | 1.115              |
| Melt Viscosity at 130°C (Brookfield)(m Pas) | circa 92000        |
| Softening point (ring and ball)(°C)         | circa 103          |
| Working temperature (°C)                    | 180 -210           |

*Note: Do not overheat the hot melt during processing. Temperature above 220°C should be avoided.*

Room and material temperature: 18.....22°C Working temperature at the wheel: **180 ~ 210°C**

Material moisture: 8.....10%

Feed speed: at least 15 m/min

Packaging **25kgs/ Bag**



**TR 190** is an EVA based filled edges banding hot-melt for automatic edge banding machine with high working temperature. Laminating substrates include resinated paper, melamine resin edges, PVC, polyester abd veneer. It is a moderate melt viscosity product with fast melting ability.

#### PHYSICAL AND CHEMICAL PROPERTIES

|                                             |               |
|---------------------------------------------|---------------|
| Form                                        | Granulate     |
| Colour                                      | Natural       |
| Odour                                       | Faint         |
| Density (20°C) (g/cm <sup>3</sup> )         | 1.3577        |
| Melt Viscosity at 130°C (Brookfield)(m Pas) | circa 128 000 |
| Softening point (ring and ball)(°C)         | circa 101.5   |
| Working temperature (°C)                    | 190 - 210     |

*Note: Do not overheat the hot melt during processing. Temperature above 210°C should be avoided.*

Room and material temperature: 18 .....22°C Working temperature at the wheel: **190 ~ 210°C**

Material moisture: 8 .....10%

Feed speed: 12.....25 m/min

Packaging **25kgs/ Bag**