



NBF 125C Cast nylon film for cures up to 140°C

Tygavac Bagging Film NBF 125C is a cast nylon 6 film which is for use in vacuum bagging applications at cure temperatures of 125°C. It is ideal for use in low temperature curing of epoxies and polyesters and can also be used as a cheap film for de-bulking pre-pregs before curing.

Storage

The properties of nylon films are affected by moisture content, water acting as a plasticiser. High moisture content ensures a film of high elongation. To maintain the high performance characteristics, keep well wrapped to prevent moisture loss and preferably store in a humid environment, ie 20°C, 65% RH.

Typical Properties

| | |
|----------------------------------|--|
| Maximum operating temperature | 140°C |
| Tensile strength (conditioned) | 45-65 MPa |
| Maximum elongation (conditioned) | 400% |
| Flammability | Self extinguishing |
| Crystalline melting point | 220°C |
| Approximate yield | 17.56m ² /Kg 0.050mm thickness 11.80m ² /Kg 0.075mm thickness |
| Colour | Clear |
| Shelf Life | 18 months providing correct storage conditions applied |

Availability

| Tygavac Bagging Film | Nominal Thickness (mm) | Width (m) | Nominal Roll Length (m) | Nominal Roll Weight (Kg) |
|----------------------|------------------------|------------|-------------------------|--------------------------|
| NBF 125C | 0.050 | up to 3.05 | 400 | 41 |

Alternative widths and gauges available. Please specify your requirements. Material can be heat sealed to produce wider product.

All statements, technical information and recommendations contained in this publication are based on tests believed to be reliable, but their accuracy and/or completeness are not guaranteed. The user shall determine the suitability of the product for his particular purpose and shall assume all risk and liability in connection therewith. All products are sold subject to Tygavac Advanced Materials standard Conditions of Sale.



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