

## Data Sheet

## IPPLON® KM1300

Soft nylon film with a high elongation

### DESCRIPTION

Ipplon® KM1300 is a vacuum bagging film with a good elongation and is suitable for cure temperatures up to 212°C. It is recommended for bagging applications where a higher softness is required. An excellent film for autoclave use or resin infusion.

### BENEFITS

- Softness and good elongation makes bagging easier and faster to complete, reducing labor cost.
- Wider film means fewer seams for safer high temperature cures of large parts in shorter cycle times.
- Good elongation reduces bridging in corners and so less rework due to resin rich corners.

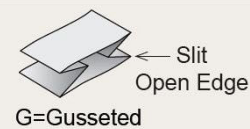
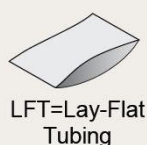
### TECHNICAL DATA

|                                   |                                                     | Test method |
|-----------------------------------|-----------------------------------------------------|-------------|
| Material type                     | Nylon                                               |             |
| Elongation at break               | 425 %                                               | ASTM D 882  |
| Tensile strength                  | 48 MPa                                              | ASTM D 882  |
| Maximum use temperature           | 212°C                                               |             |
| Flammability (self extinguishing) | Yes                                                 | ATP-5034    |
| Materials to avoid                | Phenolic resins/Strong oxidizers                    |             |
| Colour                            | Pink                                                |             |
| Shelf life                        | Unlimited when stored in original packaging at 22°C |             |

### SIZES

| Thickness          | Width                     | Forms Available* |
|--------------------|---------------------------|------------------|
| 50 µm (0,002 inch) | up to 7,11 m (280 inches) | SHT, CF, LFT     |
| 75 µm (0,003 inch) | up to 7,11 m (280 inches) | SHT, CF, LFT     |

- For more sizes, see the *Commonly Used Sizes* chart in this section.
- Custom shapes and sizes are available, please contact Airtech for more information.



### NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Airtech recommends testing prior to use.
- Watch a video of Wide Films in the "Media Centre" on our website.

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Catalogue position : [Bagging films](#)