

AeroFilm™ PP230



Key Features

- Service temperatures to 230°C
- 100% PA66 (Nylon 66)
- High tear-strength
- Aerospace and wind energy

Product Description

AeroFilm™ PP230 is a high specification 85gsm PA66 (Nylon 66) peel ply offering higher tear-strength and operating temperatures and an easier release from cured laminate compared to our standard polyester peel ply.

PP230 PA66 peel ply is generally specified for aerospace/prepregs applications and large scale wind energy projects. It has a very high maximum operating temperature of 230°C making it suitable for use even with high cure temperature prepregs.

During production, the peel-ply is rinsed and heat-treated to eradicate any surface contamination.

PP230 is recommended for any prepreg curing requiring a peel ply (for example where secondary bonding will be undertaken) although care should be taken to ensure that prepreg laminates are not 'dried out' by the peel ply which will absorb some resin during cure.

PP230 is also recommended for applications where peel ply removal is proving difficult, including some epoxy resin infusion projects. Although not release coated, PA66 does provide a slightly improved release from the cured laminate and the added strength of the peel ply makes tear removal more consistent.

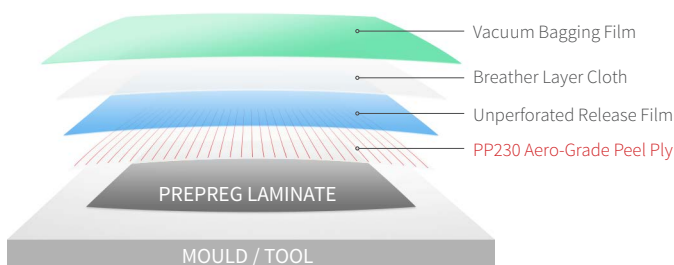
Recommended Uses

- Prepregs (particularly aerospace and wind energy)
- Resin infusion (where polyester peel ply removal is proving difficult)

Typical Use

PP230 can be used like any conventional peel ply and is most commonly positioned directly against the prepreg laminate or reinforcement.

Example Stack : Prepreg Laminating Using Peel Ply



Specification

Property	Units	Value
Material	-	PA/Nylon 66
Width	mm	1520 (-0 +2%)
Format	-	Single Sheet
Areal Weight	g/m ²	85 ± 10%
Maximum Use Temperature	°C	230
Appearance	-	White with red tracer

Handling & Storage

PP230 is a stable PA66 material with no special handling or storage requirements.

Disclaimer

This data is not to be used for specifications. Values listed are for typical properties and should not be considered minimum or maximum.

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