

# TECHNICAL DATASHEET

## **MILLIFOAM DIV105PY**

MILLIFOAM® DIV105PY is an all recyclable and excellent thermoplastic PET core material for composite sandwich structures. It is suitable for a variety of processing including infusion, prepreg and press bonding.

Polymer	PET	Sheet Size	2440 x 500 mm
Thickness range	0.5-5.0 mm	Supplier	Diab

MILLIFOAM® DIV105PY thin rigid foam sheets provide a high shear strain, a low resin uptake, a good chemical resistance and allow high processing temperatures. It is compatible with most common glues and resin systems and is an ideal core material in sandwich structures for the use in wind energy and industry.

Properties	
Density	105 kg/m <sup>3</sup>
Compressive Strength	1.5 MPa
Compressive Modulus	112 MPa
Tensile Strength	2.4 MPa
Tensile Modulus	110 MPa
Shear Strength	0.95 MPa
Shear Modulus	25 MPa
Thermal Conductivity at 23°C	0.034 W/mK
Thermoforming Temperature	155-190°C (311-374°F)

### Disclaimer

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