

TECHNICAL DATASHEET

MILLIFOAM DIV60U

MILLIFOAM® DIV60U is a recyclable open-cell, thermoplastic foam based on polyetherimide (PEI) chemistry. It offers excellent fire, smoke and toxicity (FST) properties combined with a low moisture absorption and a high strength to weight ratio. With its extremely low dielectric constant and transmission properties the foam is suitable for antenna systems and radome applications.

Polymer	PEI	Sheet Size	2400 x 610 mm
Thickness range	0.5-4.0 mm	Supplier	Diab Group

MILLIFOAM® DIV60U is thermoformable and compatible with a wide range of different skin layers and adhesives. Due to its excellent drapeability it can be easily used as core layer in 3D sandwich structures.

Properties	
Density	60 kg/m ³
Compressive Strength	0.7 MPa
Compressive Modulus	21 MPa
Tensile Strength	2.1 MPa
Shear Strength	0.8 MPa
Shear Modulus	13 MPa
Thermal Conductivity at 23°C	0.036 W/mK
Dielectric Constant	1.06
Thermoforming Temperature	205-210°C (400-410°F)

Disclaimer

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