



常州隼隆复合材料有限公司
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The Xs series of PMI foams offers excellent structural stability and high mechanical strength. The wide range of foams with small and homogeneous pore sizes makes them suitable for different curing processes. They are not only machinable and easy to thermoform, but also have good compatibility with other composites, resins, etc. and excellent chemical resistance.

Technical Data Sheet PMI Foam Core Xs series

Type	Density	Compressive Strength	Compressive Modulus	Tensile Strength	Tensile Modulus	Elongation at break	Bending Strength	Shear Strength	Shear Modulus	Heat deflection temperature	Cell size	Sheet Size
Test Standard	GB/T 6343-2009	GB/T8813-2008		GB/T9641-1988			GB/T88 12..2-2007	ASTM C273		DIN 53424	GB/T 12811-199	-
Xs-30	30kg/m ³	0.4 MPa	20 MPa	0.9 MPa	37MPa	4%	0.8 MPa	0.45 MPa	14 MPa	185°C	0.1~0.3mm	≥2500mm× 1200mm×110mm
Xs-52	52 kg/m ³	0.95MPa	50 MPa	1.9 MPa	72MPa	4%	1.9MPa	0.9MPa	21 MPa	185°C	0.1~0.3mm	≥2500mmx 1200mm×110mm
Xs-75	75kg/m ³	1.7MPa	75MPa	2.8MPa	105MPa	4%	3.2MPa	1.4 MPa	35MPa	185°C	0.1~0.3mm	≥2500mmx 1200mm×100mm
Xs-110	110kg/m ³	3.2MPa	130MPa	4MPa	180MPa	3.5%	4.8MPa	2.4MPa	60MPa	185°C	0.1~0.3mm	≥2500mm× 1200mm×90mm
Xs-200	200kg/m ³	9MPa	300 MPa	7MPa	430MPa	3%	13.5MPa	5MPa	145MPa	185°C	0.1~0.3mm	≥1900mm× 1100mm×55mm
Xs-250	250 kg/m ³	13MPa	550MPa	11 MPa	650MPa	3.5%	17MPa	7MPa	180 MPa	185°C	0.1~0.3mm	≥1600mm× 1000mm×50mm
X8-350	350kg/m ³	21MPa	780MPa	15MPa	840 MPa	3.5%	26 MPa	10MPa	300MPa	185°C	0.1~0.3mm	≥1500mmx 900mm×40mm