


FOAM CORE NAVIGATOR

	XPS 30	PET 80	PET 100	PUR 80
Densities	30 kg/m ²	80 kg/m ²	115 kg/m ²	80 kg/m ²
				
Compatibility to resin				
Epoxy	good	good	good	good
Polyester	unsuitable	good	good	good
Vinylester	good	good	good	good
Polyurethan	good	good	good	good
Phenolic	good	good	good	good
Temperature				
max. processing temperature	70 °C	170 °C	170 °C	110 °C
Compression strength for autoclave applications				
max. pressure in MPa at 20°C	0,47	0,57	0,82	0,84
Drapeability	good	very good	very good	satisfactory
Application				
Vacuum infusion	very good	very good	very good	very good
RTM	satisfactory	very good	very good	good
Hand lay-up laminate	satisfactory	good	good	satisfactory
Autoclave (Pre preg applications)	unsuitable	good	good	unsuitable
RIM	unsuitable	very good	very good	very good
Available thicknesses	3 mm – 15 mm	3 mm – 15 mm	3 mm – 15 mm	5 mm – 15 mm