

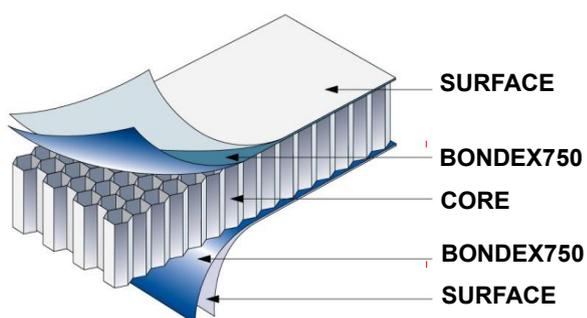
# ADHESIVE FILM

# BONDEX750

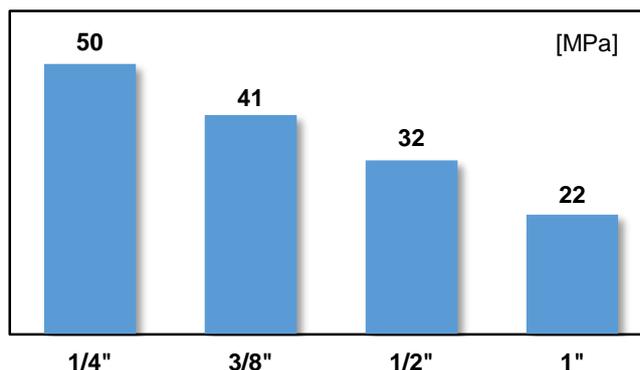


The BONDEX 750 structural adhesive film is based on 250°F(121°C) curing, consists of epoxy resin and polyester knit. This material is suitable for the realization of high performance composite structures.

## COMPOSITE PROPERTIES



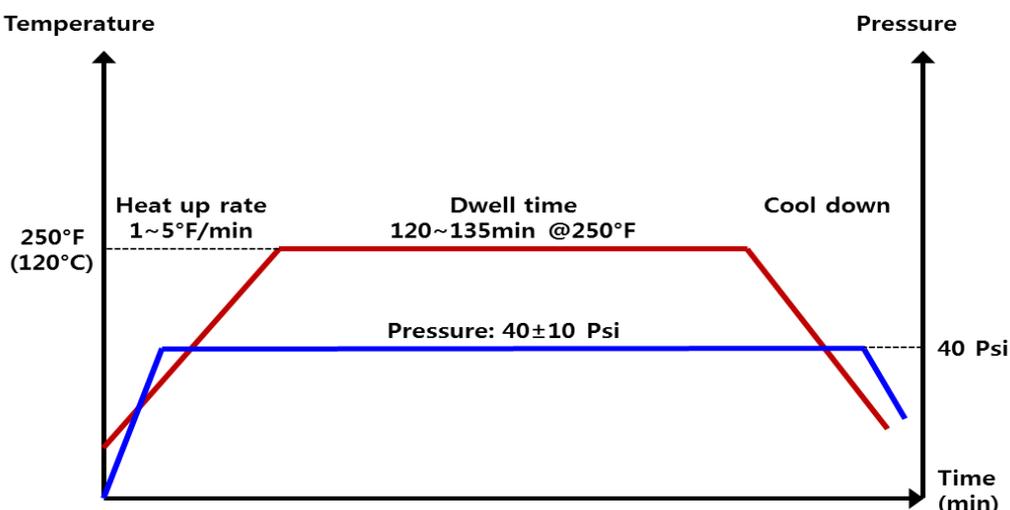
Flat-wise Tensile Strength of Aluminium sandwich panel



## PHYSICAL PROPERTIES

Property	units	D	D-1	D-2
Weight in unit area of epoxy	g/m <sup>2</sup>	20	20	20
Weight in unit area of carrier	g/m <sup>2</sup>	400	250	300
Total weight in unit area of adhesive film	g/m <sup>2</sup>	420	270	320
Gel time at 135°C	min		3-6	
T <sub>g</sub> cured at 135°C (by DSC)	°C		100°C	

## PROCESSING CONDITION



## SHELF LIFE

STORAGE TEMPERATURE	SHELF LIFE
Room Temperature +21°C	1 Month
Cold Storage -5°C	6 Month
Frozen -21°C	12 Month

## HANDING & USE

Prepreg which is impregnated with BONDEX750 must be stored in a freezer. When material is removed from the freezer, it is essential that the roll be allowed to thaw and reach room temperature before the plastic bag is opened. For example, the thaw time for a 15 linear meter roll taken from -18°C(0°F)storage into a 21°C(70 °F) room is typically between 4 and 6 hours. Condensation may form on the surface of the material if it is not fully thawed. Moisture within a curing laminate may be detrimental to final part quality and appearance. When materials are returned to the freezer, they must be resealed to prevent ingress of moist.