Fig. 1: Microwave Facilities Configuration

Fig. 2: Stationary Wave in Waveguide

Fig. 3: The Moveable Plunger
Fig. 4: Non-contact Type Adjustable Short Circuit in Waveguide

Fig. 5: Dimensions of the Moveable Plunger

Fig. 6: Bond Strength of Welds by Butt Joints
Fig. 7: Bond Strengths of GF/PS and Five Minute Two Part Adhesive

Fig. 8: Bond Strengths of GF/Nylon 66 and Five Minute Two Part Adhesive

Fig. 9: Bond Strengths of GF/LDPE and Five Minute Two Part Adhesive
Fig. 13: Bond Strengths of Three Types of Materials at 400 W

Fig. 14: Bond Strengths of Two Types Materials at 800 W
Figure 15: The O and C Atom Intensities against Binding Energy of LDPE/GF(33%).

Figure 16: The -C-C- and -C-O Bond Intensities against Binding Energy of LDPE/GF(33%).
Figure 17: The O and C Atom Intensities against Binding Energy of Araldite on Glass.

Figure 18: The -C-C-, -C-O and –C=O Bond Intensities against Binding Energy of Araldite.
Figure 19: The C Atom Intensity against Binding Energy of LDPE.

Figure 20: The -C-C- Bond Intensity against Binding Energy of LDPE.