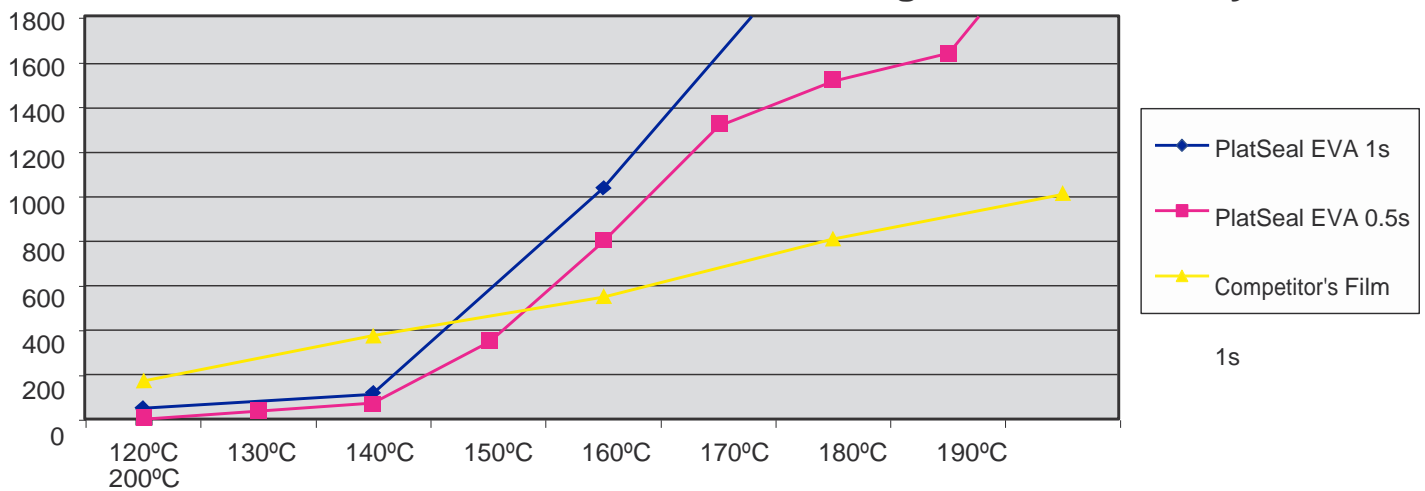


THE PLATINUM PACKAGING GROUP



PlatSeal EVA Heat Seal Strengths For A PP Tray



PlatSeal EVA produces strong seals at 160°C and 1s dwell. At this temperature however white residue appears on the PP trays. As the temperature increases at 1s dwell, the seal becomes too strong and shredding occurs at 180°C and above. Also, as the temperature increases, the white residue present on the PP tray becomes more apparent, where the film peels.

When reducing the dwell time to 0.5s, PlatSeal EVA starts sealing at 150°C producing a medium peel seal strength and with no residue apparent on the PP tray. From this point white residue becomes more apparent as the temperature increases, until shredding occurs at 200°C. **The recommended conditions for this tray are 160-170°C and 0.5s dwell.**

The competitor's laminate, identified to be a PE based with coating present produces seals at all temperatures. The strength increases with temperature, and leaves behind no residue. PlatSeal EVA produces strong seals at 160°C and 1s dwell. At this temperature however white residue appears on the PP trays. As the temperature increases at 1s dwell, the seal becomes too strong and shedding occurs at 180°C and above. Also as the temperature increases, the white residue present on the PP tray becomes more apparent, where the film peels.

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