
POLYSURLYN DATA

Polysurlyn Moisture Retarder (PSMR) offers superior resistance to moisture. (Surlyn® is a trademark of the DuPont Company.)

Polysurlyn is 3 mils thick consisting of polyethylene and DuPont Surlyn®. The 3 mil Polysurlyn is heat laminated to the metal jacketing across the width of the metal providing superior protection.

Physical Characteristics:

Water Vapor Transmission Rate (WVTR) = .21 grams per 100 square inches per day.

Auto ignition temperature of kraft paper is approximately 450°F. Thermogravimetric analysis shows Polysurlyn does not begin to decompose until around 410°F. Polysurlyn has auto ignition above 600°F.

Insulation systems are generally designed to keep the surface temperature of the insulation from exceeding 140°F for personnel protection. DuPont has successfully used polysurlyn as their moisture retarder on all their metal jacketing over insulation for over 15 years.