



PIB COMPARISON CHART

	PIB 1	PIB 2	PIB 3	PIB 4	PIB 7 HSNB	PIB 8 HSNB	PIB 11	PIB 29
Application	Horizontal Assy. / Stacked units 10 high	Horizontal Assy. / Stacked units 10 high	Automated Vertical Sealing Eqpnt. / No stacking	Automated Vertical Sealing Eqpnt. / No stacking	Automated High Speed - High Strength	Automated High Speed - High Strength	Pre-extruded Strand	European Automated Extruders
Color	Black	Gray	Black	Gray	Black	Gray	Black	Black
MVT ASTM F1249 0.08" thick [g/m2/24h]	0.1	0.1	0.1	0.1	0.1	0.1	0.07	0.07
Press Flow Extrusion Viscosity ASTM D2452, 110°C (230°F), 8.6mm orifice [sec]	25	25	25	25	7	7		10
Compression Resistance ADCO Test Method T-12	0.05", 1.3mm	0.05", 1.3mm	0.09", 2.3mm	0.09", 2.3mm	0.085", 2.16mm	0.085", 2.16mm	0.1", 2mm	0.08", 2mm
Shear Strength Glass/Alum. (1"x1"x0.035") [psi]	24 cohesive failure	24 cohesive failure	30 cohesive failure	30 cohesive failure	27.2 cohesive failure	27.2 cohesive failure	28.5 cohesive failure	28.5 cohesive failure
Cone Penetration ASTM D217, 150g load [dmm]	50	50	55	55	50	50	75	55
Solids Content [%]	100	100	100	100	100	100	100	100
SG ASTM D71	1.16	1.16	1.15	1.15	1.08	1.08	1.1	1.15
Wt. per Gal. [lb.]	9.66	9.66	9.58	9.58	9	9	9.163	9.58
Service Temp.	-45 to 120°C -50 to 250°F	-45 to 120°C -50 to 250°F	-45 to 120°C -50 to 250°F	-45 to 120°C -50 to 250°F	-45 to 120°C -50 to 250°F	-45 to 120°C -50 to 250°F	-45 to 120°C -50 to 250°F	-45 to 120°C -50 to 250°F
Application Temp.	110 to 140°C 230 to 285°F	110 to 140°C 230 to 285°F	110 to 140°C 230 to 285°F	110 to 140°C 230 to 285°F	100 to 130°C 212 to 265°F	100 to 130°C 212 to 265°F		100 to 130°C 212 to 265°F
Argon Diffusion ASTM D3985, 3mm thick [L/m2/24h/760mm HG]	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Comments	Meets Canadian CAN/CGS B-12.8-97, no chemical volatile fogging, no discoloration of low-E coatings	Meets Canadian CAN/CGS B-12.8-97, no chemical volatile fogging, no discoloration of low-E coatings	Meets Canadian CAN/CGS B-12.8-97, no chemical volatile fogging, no discoloration of low-E coatings	Meets Canadian CAN/CGS B-12.8-97, no chemical volatile fogging, no discoloration of low-E coatings	Meets Canadian CAN/CGS B-12.8-97, no chemical volatile fogging, no discoloration of low-E coatings	Meets Canadian CAN/CGS B-12.8-97, no chemical volatile fogging, no discoloration of low-E coatings	Meets Canadian CAN/CGS B-12.8-97, no chemical volatile fogging, no discoloration of low-E coatings	Meets Canadian CAN/CGS B-12.8-97, no chemical volatile fogging, no discoloration of low-E coatings