Pureseal 23519E WB Heatseal

For Shrink Sleeve Manufacturing

ASHLAND

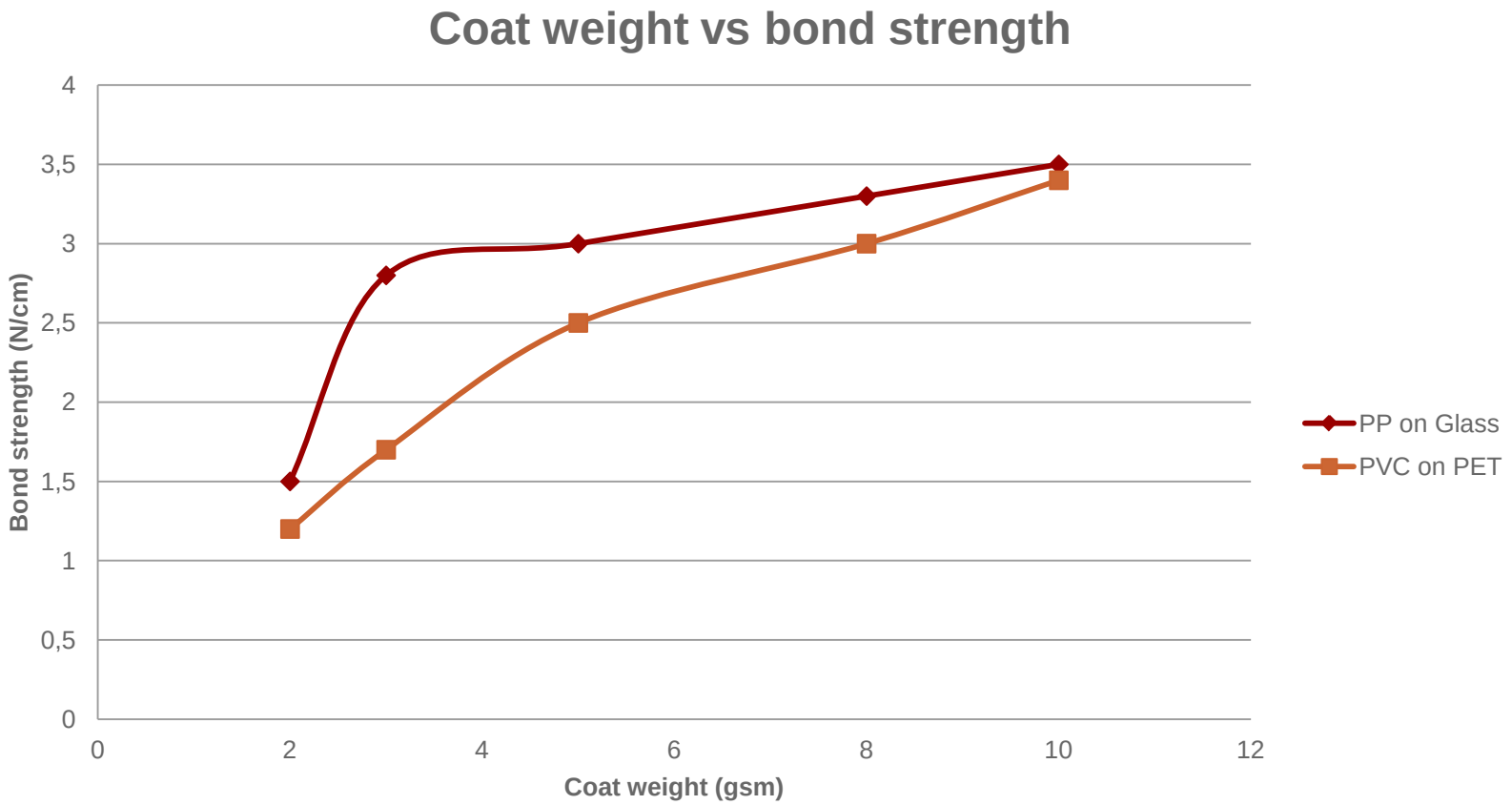
Pureseal 23519E -Water based heatseal

- High Solid, low coat weight demand → fast drying
- Product remain tacky after activation to allow low pressure and fast sealing
- Suitable for overall or pattern coating
- Low foaming, coater ready formulation

Pureseal 23519E –Technical data

- SOLIDS; 48 – 52 %
- VISCOSITY; 375 ±150 cP @ 25°C
- PH; 7.0 – 10.0
- LIQUID APPEARANCE; Translucent liquid
- HEAT ACTIVATION; 70 – 80°C

Bond performance vs Coat weight



Refrigerator and Freezer Test:

	Appearance of Heatseal sample			Peel strength* of Heatseal sample		
Test Conditions	24 hours	48 hours	1 week	24 hours	48 hours	1 week
Room Temperature (15°C to 25°C)	Clear, transparent, No change during storage			3N/cm (+/- 20%), no change during storage		
Refrigerator (5°C)						
Freezer (-20°C)						

Icy water test:

	Appearance of Heatseal sample			Peel strength of Heatseal sample		
Test Conditions	1 hour	4 hours	24 hours*	1 hour	4 hours	24 hours*
Icy water	Clear, transparent	less than 0.5mm cloud appears around edges	less than 1 mm cloud around edges	3N/cm (+/- 20%), no change during testing		

Processing considerations

- Drying: web temperature MUST be less than 60°C during drying. Please work with your engineer to configure the oven conditions; Maximize air flow during drying is crucial. rewind temperature must be less than 40°C.

- Storage of Coated films: Coated film must be kept at less than 50°C during storage.

- Heatsealing: Pureseal 23519E will be activated once temperature of the coating reaches 70°C; Ashland recommends a typical sealing temperature of 80°C or above.