I.W. Tremont Co., Inc.

Filter & Technical Specialty Papers
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Technical Data Sheet

Material Designation: **LL-22**

Material Properties Summary

- ☐ *Binderless*
- ☒ *Acrylic Binder*
- ☐ *Organic Binder*
- ☐ *Laminated*
- ☒ *Double Laminated*
- ☐ *Hydrophobic*

A medium efficiency, high capacity material which is suitable for applications requiring high porosity for liquid or gas. The base filtration material is a glass microfiber with an acrylic binder. It is laminated on both sides with a 0.5oz. polyester scrim for high tensile strength and reduced incidence of vacuum load bursting.

The material is recommended for ASHRAE applications in the efficiency range of 90-95%.

Micron rating	Basis Weight	Caliper Thickness	Mean Pore Size
10-15	78	0.020	13
µm	*lbs/3,000 ft²* *TAPPI Method T410*	*inches - 4 psi* *TAPPI Method T411*	*µm*

DOP Smoke Penetration	Air Flow Resistance	Tensile Strength MD	Tensile Strength CD
38	50	5.0	n/a
% at 0.3 µm @ 10.5 ft/minute *ASTM Method D-2986*	*mm H_2O @ 10.5 ft/minute* *ASTM Method D-2986*	*lbs / inches* *TAPPI Method T494*	*lbs / inches* *TAPPI Method T494*

Dry Elongation MD	Dry Elongation CD	Frazier Permeability	Gurley Stiffness
n/a	n/a	25	n/a
% *TAPPI Method T494*	*%* *TAPPI Method T494*	*ft³ / min / ft² @ 0.5in H_2O W.G.* *ASTM Method F778-82*	*mg* *TAPPI Method T543*

Water Repellency	Ignition Loss
-	-
Inches H_2O	*% Loss*

Comments:

Actual filtration performance, i.e. efficiency and dust holding capacity, will vary depending upon filter design parameters and the normal variation of the media properties consistent with the specification range. We continuously strive to define our products and hence the specifications are subject to change.