I.W. Tremont Co., Inc.

Filter & Technical Specialty Papers
18 Utter Avenue - Hawthorne, New Jersey 07506

Tel: 973-427-3800
Fax: 973-427-3778
www.iwtremont.com

Technical Data Sheet

Material Designation: **B-72**

Material Properties Summary

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

This product is a high efficiency multipurpose filter material with very good heat resistance. The basis weight and thickness are lower than normal to provide less bulk for sandwich type filter construction. It is recommended for liquid filtration for surface removal of particulate matter. This grade consists of glass microfibers with low amounts of acrylic resin, the composition of which corresponds to the description listed in CFR Title 21, Part 177.2260, Filters, Resin Bonded.

Micron rating	Basis Weight	Caliper Thickness	Mean Pore Size
1-2	37	0.013	3.6
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
0.015	36	6.0	3.0
% 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
2.0	2.5	-	450
% *TAPPI Method T494*	*%* *TAPPI Method T494*	*ft^3 / min / ft^2 @ 0.5in H_2O W.G.* *ASTM Method F778-82*	*mg* *TAPPI Method T543*

Water Repellency	Ignition Loss	Comments:
-	6.5	
Inches H_2O	*% Loss*	

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 our specifications are subject to change.