

Microtherm Group SlimVac Filament Reinforced Silica Vacuum Insulation Panel

Category : Ceramic , Oxide , Silicon Oxide , Other Engineering Material

Material Notes:

Microtherm® SlimVac panels are high performance evacuated microporous insulation panels covered in an impermeable outer envelope. The insulation is an opacified blend of filament reinforced silica, optimized for thermal performance in a vacuum. Properties Lightweight & superinsulation without gettinger. Thermal conductivity stable over wide pressure range. Stable thermal performance over long working life for building applications. Environmentally safe. Applications Passive houses Building facades Floors and decks Refrigeration Cold chain deliveries Solar panel insulation Information provided by Microtherm.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Microtherm-Group-SlimVac-Filament-Reinforced-Silica-Vacuum-Insulation-Panel.php

Physical Properties	Metric	English	Comments
Density	0.140 - 0.180 g/cc	0.00506 - 0.00650 lb/in ³	nominal
Thickness	6000 - 40000 microns	236 - 1570 mil	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	<= 0.0210 W/m-K	<= 0.146 BTU-in/hr-ft ² -°F	normal ambient conditions; ASTM C518, ISO 8301
	<= 0.00500 W/m-K @Pressure 0.000100 - 0.000500 MPa, Temperature 10.0 °C	<= 0.0347 BTU-in/hr-ft ² -°F @Pressure 0.0145 - 0.0725 psi, Temperature 50.0 °F	vacuum pressure; ASTM C518, ISO 8301

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China