

SUMILITE® PVC VSL-4501

Polyvinylidene Chloride

Sumitomo Bakelite Co., Ltd.

Message:

SUMILITE®PVC VSL-4501 is a polyvinylidene chloride (PVDC) product. It is available in North America. SUMILITE®The application fields of PVC VSL-4501 include thin plates and medical/health care.

Features include:

Hard
moisture resistance

General Information			
Features	Moisture resistance		
	Medium hardness		
Uses	Sheet		
	Drug		
Forms	Particle		
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Yield, 250 μm	50.0	MPa	ASTM D882
TD: Yield, 250 μm	46.1	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Break, 250 μm	190	%	ASTM D882
TD: Break, 250 μm	170	%	ASTM D882
Water Vapor Transmission	1.1	g/m ² /24 hr	ASTM E96
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	86.0	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Transmittance (250 μm)	85.0	%	ASTM D1003
Haze (250 μm)	4.5	%	ASTM D1003
Additional Information			

The values listed as ASTM D882 were tested in accordance with JIS K6734The value listed as ASTM D1525 was tested in accordance with JIS K7206The values listed as ASTM D1003 were tested in accordance with JIS K7105The value listed as ASTM E96 was tested in accordance with JIS Z0208

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

