

# SUMILITE® PVC VSS-F120-UV

Polyvinyl Chloride  
Sumitomo Bakelite Co., Ltd.

Message:

SUMILITE®PVC VSS-F120-UV is a polyvinyl chloride product. It is available in North America. SUMILITE®The application fields of PVC VSS-F120-UV include thin plates and medical/health care. The main characteristics are: good UV resistance.

General Information			
Features	Good UV resistance		
Uses	Sheet		
	Drug		
Appearance	Clear/transparent		
Forms	Particle		
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Yield	60.8	MPa	ASTM D882
TD: Yield	58.8	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	110	%	ASTM D882
TD: Fracture	90	%	ASTM D882
Water Vapor Transmission	2.7	g/m <sup>2</sup> /24 hr	ASTM E96
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	85.0	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Transmittance (250 μm)	89.0	%	ASTM D1003
Haze (250 μm)	3.0	%	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 Z0208Notched Izod Impact Strength, JIS K7110: 3.5 KJ/m<sup>2</sup>Wave Length Absorbing 90% UV Ray, UV Visible Spectrophotometer: 379 nm

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