

SUMILITE® NS3450

Polypropylene
Sumitomo Bakelite Co., Ltd.

Message:

SUMILITE®NS3450 is a polypropylene product. It is available in North America. Typical application areas are: thin plates.
Features include:
Hard
moisture resistance

General Information			
Features	Moisture resistance		
	Rigidity, high		
Uses	Sheet		
Appearance	Clear/transparent		
Forms	Particle		
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Yield, 300 μm	46.1	MPa	ASTM D882
TD: Yield, 300 μm	43.1	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Break, 300 μm	840	%	ASTM D882
TD: Break, 300 μm	870	%	ASTM D882
Flexural Modulus			ASTM D790
MD	892	MPa	ASTM D790
TD	902	MPa	ASTM D790
Water Vapor Transmission	0.70	g/m ² /24 hr	ASTM E96
Optical	Nominal Value	Unit	Test Method
Transmittance (300 μm)	91.0	%	ASTM D1003
Haze (300 μm)	30	%	ASTM D1003
Additional Information			

The values listed as ASTM D882 were tested in accordance with JIS K6758The value listed as ASTM D790 was tested in accordance with JIS K7106The values listed as ASTM D1003 were tested in accordance with JIS K7105The value listed as ASTM E96 was tested in accordance with JIS Z0208Dupont Impact Strength, JIS K7211: 37.4 NcmOptimum Forming Temperature, FBP-M2 Applied: 130 to 142°C Curling Height: 2.7 mm Promptly measured 10 Minutes Later 3.3 mm

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