

VACUUM FORMING(RVAC)

Description:

RVAC is Rigid PVC film engineered for use in Vacuum forming . It can be used for blister packaging in products such as hardware, toys , VCR tapes and electronic parts .

Features:

Excellent chemical resistance

Excellent clarity and gloss

Excellent die cutting

Excellent dimensional stability

Excellent impact resistance

Very light flow mark



PHYSICAL PROPERTIES	UNIT	TEST METHOD	TYPICAL VALUES
Thickness	mm	RPC-001	0.05~1.0
Color		RPC-006	Transparent
Gloss Value		ASTM D523 at 60°	140/80 min.
Contamination	pc/m ²	RPC-012	3 max.
Specific Gravity	g/cm ³	ASTM D792	1.35±0.05
Tensile Strength	psi	ASTM D882	6000min.
Elongation	%	ASTM D882	80min.
Heat Shrinkage	%	ASTM D1204 at 150°C X10'	0.25 ↓ : CD+2.5, MD-2~-15 0.26~0.40: CD+2.0, MD-2~-10 0.41 ↑ : CD+1.5, MD-2~-8
Thickness Tolerance	%	RPC-001	0.20 ↓ : ±7, 0.21~0.50 : ±5, 0.51 ↑ : ±3
Width Tolerance	mm	RPC-001	±2(roll), ±1(square cut)

Impact Strength			General Impact/Middle Impact /High Impact/Very High Impact
Heat Distortion Temp.	°C	ASTM D648	68±2
Low Temp. Impact	°C	ASTM D1790	-10, -20, -30, -40
Dart Drop Impact	in-lb/mil .	ASTM D5420	1.5 2.0 3.0 4 .0
Izod Impact	ft-lb/in of notch 1/8"	ASTM D256	1.2 3.0 8.0 1 2.0