

CERTIFICATE OF QUALITY

Art. No. : PHF150MAB
 (Both side anti-static treatment)
 Color : Half clear
 Thickness: 0.2mm,0.3mm,0.41mm,0.5mm

Property	Test Method	Unit	Results
Tensile strength	ASTM D 638	MPa	63.7
Elongation	ASTM D 638	%	100
Flexural strength	ASTM D 790	MPa	93.1
Flexural modulus	ASTM D 790	MPa	2350
Heat deflection temperature	ASTM D 648 (1.82MPa)	°C	140
Vicat softening temperature	ASTM D 1525 (Load 50N)	°C	150
Coefficient of linear expansion	ASTM D 696	$\times 10^{-5} / ^\circ\text{C}$	7.0
Water absorption	ASTM D 570	%	0.23
Dielectric constant	ASTM D 150	1MHz	3.4
Dielectric dissipation factor	ASTM D 150	1MHz	1.0×10^{-2}
Surface resistivity	ASTM D 257	Ω	3.8×10^{11}
Volume resistivity	ASTM D 257	$\Omega \cdot \text{cm}$	1.5×10^{17}

Note: The above figures are all representative testing data and are not subject to any guarantee or warranty.

Data of “Tensile strength” “Elongation”, “Flexural strength”, “Flexural modulus”, “Heat deflection temperature” and “Vicat softening temperature” were measured of 3mm thickness.

Data of “Volume resistivity” was measured of 0.5mm thickness.