

TOPEVA™ TECHNICAL DATASHEET

Typical properties	Unit	UFC100F
Thickness	mm	0.45±5%
Width	mm	Up to 2000
Tensile strength	MPa	15 ± 3
Ultimate elongation	%	≥600
Optical transmission	%	≥92
Hardness	Shore A/D	(70-75)/22
Refractive index	-	1.48
Dielectric strength	Kv/mm	≥25
Volume resistivity	Ohm.cm	≥ 1 x 10 ¹⁵
Gel Content	%	≥75
UV cut off wavelength	nm	UV transparent
Melting point	°C	70±2
Water absorption	%	≤0.1
Adhesion to glass	N/cm	≥70

Lamination parameters:

Evacuation time	4 min
Lamination Time	8 min
Temperature	140-145(°C)

Storage Condition & Shelf Life : Store in undamaged original packaging, temperature between 0°C and 30°C and humidity below 60 % RH. Recommended to use within 6 months from the date of manufacture.