LBS-CFE Series

LBS-CFE was developed for PV module protection under severe weather condition at lower cost by LGC's advanced material & adhesion technology solution.

Features

PVDF casting Solution		Only one-side Adhesive Solution
- More Economical & Sufficient Supply (Tedlar-free)		- Higher Damp Heat Property
- Higher UV Resistance due to Higher Fluorine Content (59 wt%)		- Higher Bonding with EVA
- Lower Thermal Shrinkage		
Customizable Solution		White PE
- Customized Color, Thickness & Properties		Adhesive PET
- Higher reflectivity Higher Module Efficiency		Fluoropolymer
		LBS-CFE
Thickness (µm)		300 ± 20
Weight (g/m ²)		370 ± 40
EVA – Peel strength (N/cm)		> 60
Peel strength of layer(PE-PET) (N/cm)		> 10
Breakdown Voltage (kV)		> 20
Partial Discharge (VDC)		> 1000
Heat Shrinkage (%)	MD	< 1.5
	TD	< 1.0
Tensile Strength (MPa)	MD	80
	TD	70
Elongation (%)	MD	150
	TD	120
WVTR (38°C / 90%) (g/m²·day)		1.3



LBS-CFE series are TUV certified and UL recognized 🛕 TÜVRheinland®

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