

KPF DATA SHEET FOR 1500V

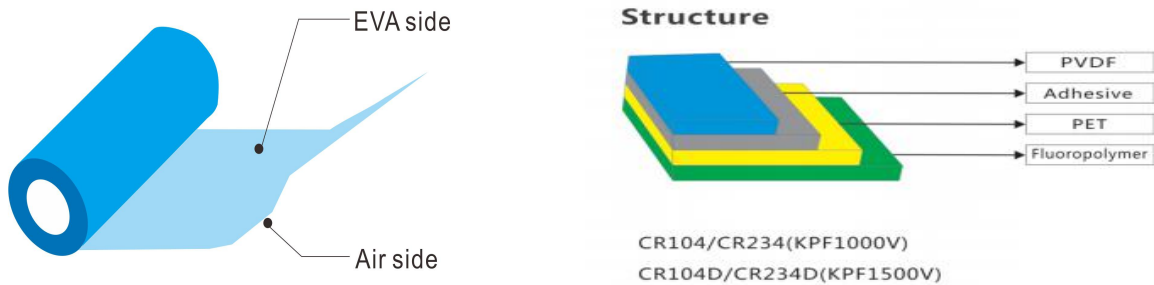
CR104D/ CR234D Data Sheet

※ Product Features

Features

- High sand scratch and corrosion resistance
- Excellent UV performance and hydrolysis resistance
- Outstanding electrical performance
- High inner layer reflectivity
- High moisture barrier and low power degradation

※ Product structure diagram



※ Storage

■ Storage Methods:

◎ Storage to avoid direct sunlight, moisture in and keep packing condition;

■ Storage Period:

◎ Room temperature in ambient humidity, (23±10°C, 55±15%RH) 12 Months

※ Package form

■ Package

Roll package	Meter/roll	Roll/pallet	Sheet package	Sheet/package	Package/pallet
	100	16		100	10
	200	9	200	20	

※ Product specification

Specification		Unit	Unit	Standard
Product thickness		um	320	GB/T 13541-92
Tensile strength (MD/TD)		N/cm	≥300	ASTM D-882
Elongation of break (MD/TD)		%	MD≥100、TD≥80	ASTM D-882
Heat shrinkage (MD/TD) 150°C*30min		%	≤1.5	GB/T 13541-92
Peel strength		N/cm	≥4	180° peel
Coating/PET adhesive strength		Level	0	GB/T 9286-1998
BS/EVA peel strength		N/cm	≥90	180° peel
Inner layer reflectivity		%	≥80	Evergreen Method
Sand drop resistance		L	≥100	ASTM D968
Water Vapor transmission 38°C 90%RH (IR)		g.m2 /day	≤1.7	ISO15106-3
SI cohesiveness		—	well	15Kg/3min
Breakdown Voltage		KV	≥16	ASTM D-149
Partial discharge		VDC	≥1500	IEC 60664-1
Boiled (24H)	Peel strength	N/cm	≥3.5	180° peel
	Coating/PET adhesive strength	Level	0	GB/T 9286-1998
DH (1000H)	Yellow index	Δb	<4	Evergreen Method
	Peel strength	N/cm	≥3.5	180° peel
	Coating/PET adhesive strength	Level	0	GB/T 9286-1998
UV (90KWH)	Yellow index	Δb	<4	Evergreen Method
	Peel strength	N/cm	≥3.5	180° peel
	Coating/PET adhesive strength	Level	0	GB/T 9286-1998
TC (200)	Yellow index	Δb	<4	Evergreen Method
	Peel strength	N/cm	≥3.5	180° peel
	Coating/PET adhesive strength	Level	0	GB/T 9286-1998
HF (10)	Yellow index	Δb	<4	Evergreen Method
	Peel strength	N/cm	≥3.5	180° peel
	Coating/PET adhesive strength	Level	0	GB/T 9286-1998