

NEW HIGH HEAT LEXAN™ FILM SOLUTION WITH TRANSPARENT LEXAN™ CXT FILM

NEW LEXAN™ CXT Film from SABIC offers high thermal process stability and transparency for demanding flexible printed electronics substrates. A transparent high heat film, which gives you the ability and advantage to process under wider and more flexible conditions as it comes to process temperatures.

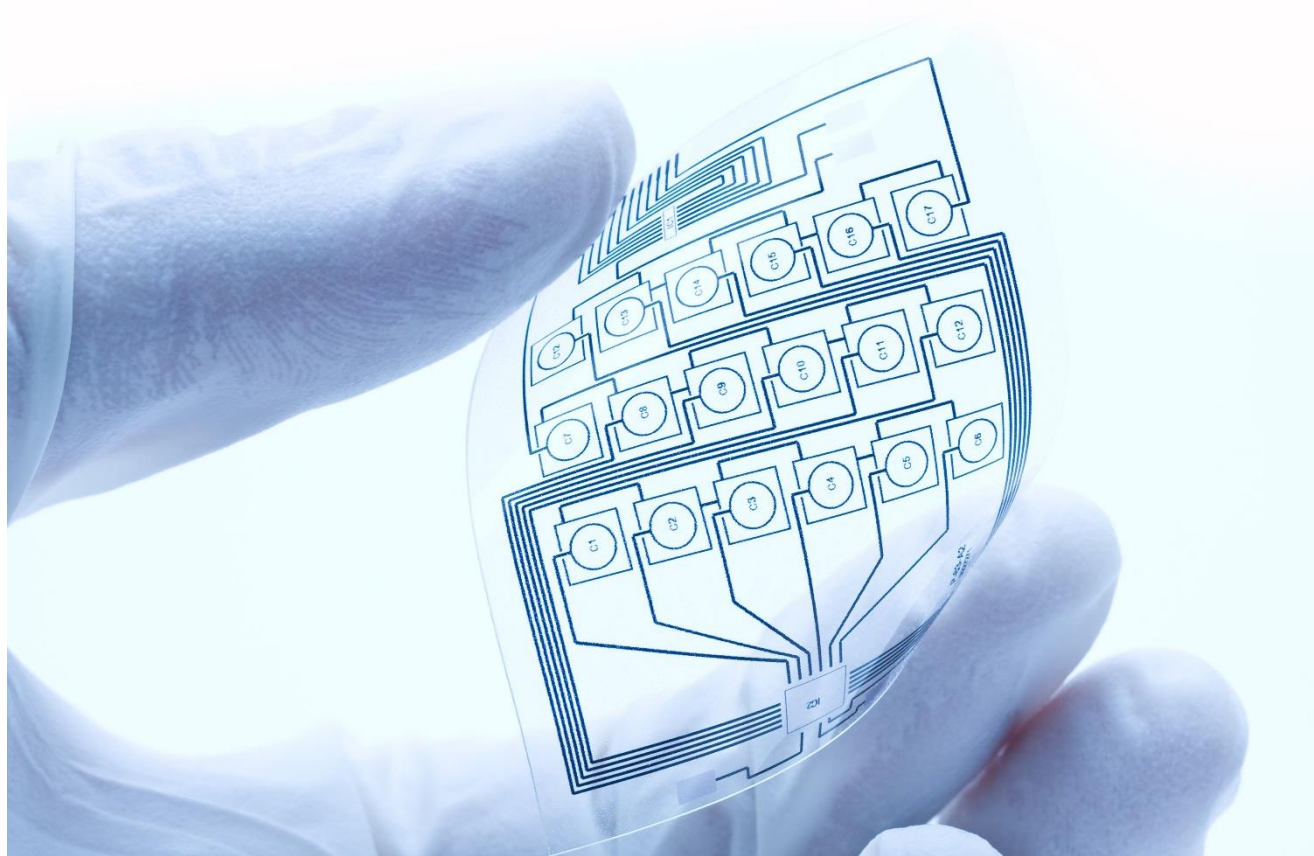
The new polycarbonate (PC) based technology combines superior optical clarity and high design flexibility with excellent thermal and dimensional stability at elevated process temperatures. The material was specially developed to provide a high-performance and cost-efficient solution for substrates in the rapidly growing printed electronics market as well as for other applications exposed to high processing and/or in-use temperatures.

BENEFITS





- Higher process temperature (Tg:196C) – wider process conditions
- High optical quality
- Design flexibility
- Easy formability
- Dimensional stability at high temperatures

POTENTIAL APPLICATIONS

- Substrate for Flexible Printed Electronics
- Conductive coating for Touch Panel applications
- Trays which require an high temperature process



OPTICAL QUALITY COMPARISON OVERVIEW

	LEXANTM CXT FILM	ULTEM™ FILM 1	ULTEM™ FILM 2	PI FILM	METHOD
					
THICKNESS	50 µm	25 µm	118 µm	68 µm	-
TOTAL TRANSMITTANCE	89.5%	86.2%	82.1%	45.8%	BYK HAZE GUARD PLUS
HAZE	0.5%	9.6%	40.8%	3.2%	BYK HAZE GUARD PLUS
T AT 550NM	89.5%	81.5%	58.9%	45.9%	HITACHI U3310
T AT 400NM	87%	47.5%	0%	0%	HITACHI U3310
YELLOWING INDEX	1	8.2	28	141	HITACHI U3310



LEXAN is a trademark of SABIC

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