

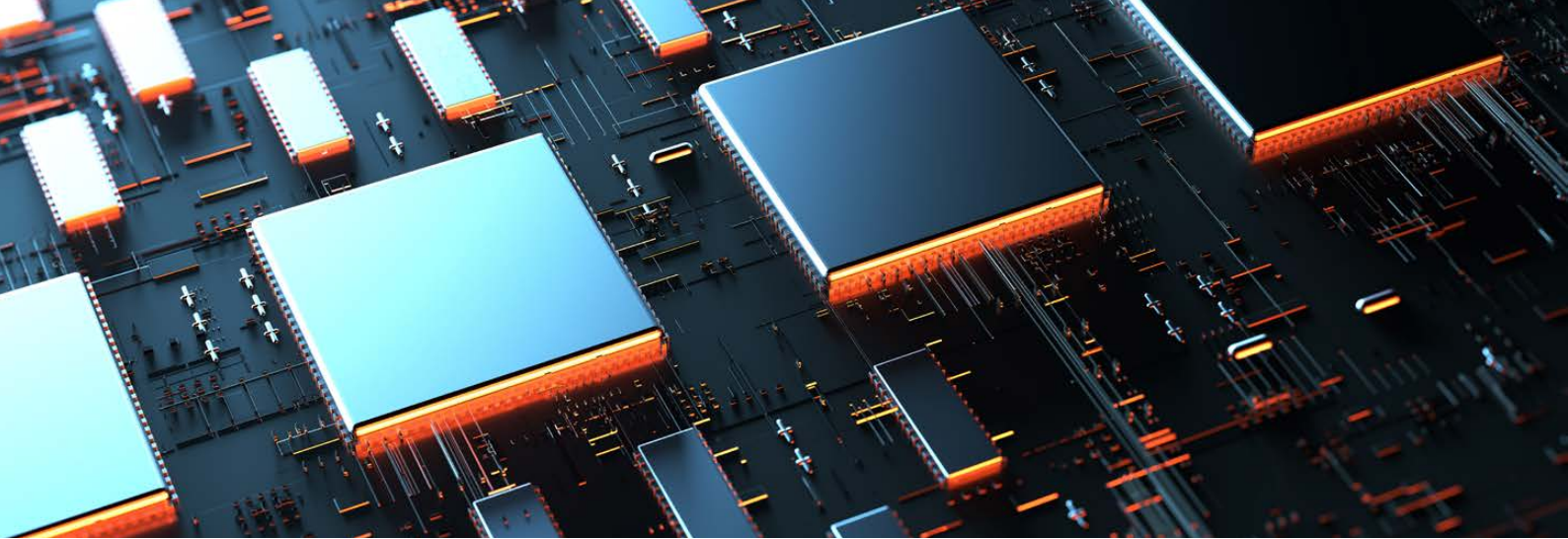
CHEMISTRY THAT MATTERS™



# SABIC POWERING UP HIGH-END SUSTAINABLE SOLUTIONS

WITH LEXAN™ POST-CONSUMER RECYCLED EFR FILMS





Presenting the latest addition to our LEXAN™ EFR film portfolio; LEXAN™ EFR535 and EFR565 film, two PCR (Post Consumer Recycle) films for high-end sustainable solutions.

SABIC's vision for the future involves a world where plastics never end up in our environment, landfills or oceans. With the view of reducing our global environmental footprint, SABIC's scientists are continually striving to find innovative ways to recycle plastics and remake them into new products.

SABIC Functional Forms' LEXAN EFR polymer film offerings have been updated with **LEXAN EFR535** and **EFR565**, developed to transform global recycling challenges into opportunities.

These new products are part of SABIC's **TRUCIRCLE™** portfolio showcasing our **circular innovations**. Post-Consumer Recycle (PCR) resins used in the design of LEXAN EFR films have been shown to offer equivalent performance to virgin EFR films. In addition, they provide excellent EFR technology in non-Bromine and Chlorine.



### SABIC LEXAN EFR Film evolution



The new LEXAN™ EFR film portfolio represents an excellent eco solution enabling global Electrical & Electronics manufacturers to go beyond current ecological directives by voluntarily eliminating halogenated additives in their products.



**POTENTIAL APPLICATIONS:**

- Battery packs and adaptors for computers, laptops, mobile phones
- Heat/dielectric shielding and insulation barriers
- Die-cut insulators and spacers
- Labels and overlays e.g. home appliances

**BENEFITS:**

	<b>EXCELLENT ELECTRICAL AND MECHANICAL PROPERTIES</b>		<b>OPTIMAL DIMENSIONAL STABILITY AT HIGH TEMPERATURES</b>
	<b>HIGH CHEMICAL AND HYDROLYTIC RESISTANCE</b>		<b>ECO FLAME RETARDANT</b>
	<b>UL-94 RECOGNITION, VTM-0 TO V-0</b>		<b>EXCELLENT PUNCTURE RESISTANCE</b>
	<b>COMPATIBILITY WITH ADHESIVES</b>		<b>NO CHLORINE OR BROMINE COMPLIANCE</b>



“LEXAN™ EFR535 & EFR565 films are another example of how SABIC is continuing to raise the bar on environmentally friendly materials for sustainable plastics solutions”

Ravi Menon  
Global Product Manager  
for SABIC's Functional Forms business

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