

# SABIC LEXAN™ POST CONSUMER RECYCLE EFR FILM GRADES HELP OEMS POWER UP ON HIGH-END SUSTAINABLE SOLUTIONS



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.

These films have been developed to address more and more tight ECO requirements about plastic materials globally, besides the excellent EFR technology in non-Bromine and Chlorine, Post Consumer Recycle (PCR) resins are being used in this new designed LEXAN EFR films with equivalent performance to virgin EFR films.

These films are formable, have excellent mechanical and electrical properties, good dimensional stability at high temperatures and a high flammability rating, making it good for applications such as power supply insulation, disc drive insulation, bus-bar insulation, TV/monitor insulation, PC board insulation, and business equipment insulation and has insulation and EMI/RFI shielding when laminated with metal foil.

LEXAN™ EFR535 and EFR565 films are one side fine matt and one side velvet Eco flame-retardant post-consumer recycled polycarbonate film with a UL94 V-0 listing at 0.38mm and VTM0 at 0.178mm. These PCR films have equivalent performance with virgin EFR films.

“LEXAN™ EFR535 & EFR565 films are another major proof point of how SABIC continued raising the bar on environmental friendly materials for plastics sustainable solutions” said Mr. Ravi Menon, Global Business Manager Film for SABIC’s Functional Forms business.

SABIC recognizes that in order to succeed in today’s global marketplace, sustainability must be embedded in the way we do business. That’s why our vision is to integrate the environmental, social, and economic dimensions of sustainability into our core business strategy, and to ensure that throughout our business we have a deep understanding of the megatrends that will affect our company, and society at large, for the next several decades. We also

recognize that our response to these megatrends must be integrated into the fabric of our business’s processes, tools, and priorities.

The new LEXAN™ EFR film is a top-choice eco solution that ups the ability of global E/E manufacturers to go beyond current ecological directives by voluntarily *eliminating halogenated additives in their products.*

This SABIC Functional Forms film breakthrough is the latest example of how the company works on behalf of customers to capitalize on its 75-year history as a global plastics industry pioneer.

