

**Product Texts**

Opaque EXL, UV-Stabilized & light shielding capability (Wall thickness >0.8mm), for portable electronics device enclosure application. Only available in white, grey and limited pastel colors. Consult CIC or PM for color availability & limitation.

UL Yellow Card Link [E207780-642296](https://www.ul.com/yellow-card/E207780-642296)

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt volume-flow rate, MVR	10	cm <sup>3</sup> /10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
<b>ASTM Data</b>			
Melt Flow Index, MFI	11	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	2000	MPa	ISO 527
Yield stress	52	MPa	ISO 527
Yield strain	5	%	ISO 527
Stress at break	47	MPa	ISO 527
Strain at break	50	%	ISO 527
Flexural modulus	2110	MPa	ISO 178
<b>ASTM Data</b>			
Tensile Modulus	2030	MPa	ASTM D 638
Tensile Strength at Yield	52	MPa	ASTM D 638
Tensile Strength at Break	54	MPa	ASTM D 638
Elongation at Yield	5	%	ASTM D 638
Elongation at Break	84	%	ASTM D 638
Flexural Modulus	2050	MPa	ASTM D 790
Izod Impact notched, 1/8 in	766	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	640	J/m	ASTM D 256
Temperature	-30	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	118	°C	ISO 75-1/-2
Vicat softening temperature, B	138	°C	ISO 306
Vicat softening temperature, 120°C/h 50N	146	°C	ISO 306
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.4	mm	-
<b>ASTM Data</b>			
DTUL @ 264 psi	121	°C	ASTM D 648
Vicat Temperature	138	°C	ASTM D 1525
<b>Other properties</b>			
Water absorption	0.17	%	Sim. to ISO 62
Humidity absorption	0.07	%	Sim. to ISO 62
Density	1280	kg/m <sup>3</sup>	ISO 1183
Density	1280	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	295 - 315	°C	-
Mold temperature	70 - 95	°C	-
Feed temperature	60 - 80	°C	-

**LEXAN™ Copolymer FXE1414L - Europe**

PC

Saudi Basic Industries Corporation (SABIC)

Zone 1	<b>260 - 280</b>	°C	-
Zone 2	<b>280 - 305</b>	°C	-
Zone 3	<b>295 - 315</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe

**Applications**

Automotive