

# LEXAN™ EX7681T\_resin

Polycarbonate

SABIC Innovative Plastics Europe

## Message:

LEXAN EX7681T is a coextrusion product which is highly UV stabilised exhibiting low plate out and improved outdoor weathering of LEXAN sheet.

General Information			
Additive	UV Stabilizer		
Features	Good Weather Resistance		
Uses	Outdoor Applications		
RoHS Compliance	RoHS Compliant		
Processing Method	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm <sup>3</sup>	ISO 1183
Melt Volume-Flow Rate (MVR) (300°C/1.2 kg)	10.0	cm <sup>3</sup> /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2350	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/50
Yield	63.0	MPa	
Break	70.0	MPa	
Tensile Strain			ISO 527-2/50
Yield	6.0	%	
Break	120	%	
Flexural Modulus <sup>1</sup>	2300	MPa	ISO 178
Flexural Stress	90.0	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	135	°C	ISO 306/B120
Extrusion	Nominal Value	Unit	
Drying Temperature	105	°C	
Drying Time	2.0 to 3.0	hr	
Hopper Temperature	60.0 to 80.0	°C	
Cylinder Zone 1 Temp.	240 to 280	°C	
Cylinder Zone 2 Temp.	240 to 280	°C	
Cylinder Zone 3 Temp.	220 to 240	°C	
Cylinder Zone 4 Temp.	220 to 240	°C	
Adapter Temperature	220 to 240	°C	
Melt Temperature	220 to 250	°C	
Die Temperature	245 to 290	°C	
Calibration Temp, First	60.0 to 100	°C	

## NOTE

1. 2.0 mm/min

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### Recommended distributors for this material

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