

LEXAN™ LCS200/CSSIOM7615 CORRUGATED SHEET

PRODUCT DATASHEET

DESCRIPTION – OMEGA PROFILE

LEXAN™ LCS200/CSSIOM7615 Corrugated Sheet is a omega profile panel offering high impact strength and excellent light transmission. This product is an excellent candidate for greenhouse coverings.

LEXAN Corrugated Sheet offers additional features of long term weathering (UV protection), excellent impact resistance, and a ten year limited written warranty for weathering and a three year limited written warranty against hailstone breakage. LEXAN Corrugated Sheet is also available with a factory applied coating (Drip Guard) to help prevent plant disease caused by dripping condensation.

TYPICAL PROPERTY VALUES

PROPERTY	TEST METHOD	UNITS	VALUE
PHYSICAL			
Specific Gravity	ASTM D792A	--	1.2
Density	ISO 1183	g/cm ³	1.2
Light Transmission	ASTM D1003	%	89
Corrugation Height	--	mm	76
Corrugation Pitch	--	mm	15
MECHANICAL			
Tensile Strength	ASTM D638	psi	9,500
	ISO 527	MPa	60
Flexural Strength	ASTM D790	psi	13,500
Flexural Modulus	ASTM D790	psi	340,000
	ISO 527	MPa	2300
Gardner Impact Strength (Gauge Dependent)**	SABIC Method	in-lbs	>240
		J	24
THERMAL			
Coefficient of Thermal Expansion	ASTM D696	in/in/°F	3.75x10 ⁻⁵
	DIN 53752	1/°C	7x10 ⁻⁵
COMPLIANCE			
Flammability Burn Class	ASTM D635		CC2

◆ These property values have been derived from LEXAN™ resin data for the material used to produce this sheet product. Variation within normal tolerances are possible for various colors. These typical values are not intended for specification purposes. If minimum certifiable properties are required please contact your local SABIC, Specialty Film & Sheet representative. All values are measured at least after 48 hours storage at 23°C/50% relative humidity. All properties are measured on injection molded samples. All samples are prepared according ISO 294.

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** Reported value based on 0.125" average thickness

PRODUCT AVAILABILITY - OMEGA PROFILE

Product code:	LEXAN™ LCS200 Corrugated Sheet (Americas) LEXAN™ CSSIOM7615 Corrugated Sheet (Europe)
Texture:	None, polished
Profile:	Omega 76 mm x 15 mm
Gauge:	0.032" / 0.8 mm
Sheet Weight:	0.22 lb/sf 1.08 kg/m ²
Standard Widths:	73.6" / 1870 mm
Standard Length:	576" / 14.6 m
Available Length:	max 600" / 15.24 m min 96" / 2438 mm
Colors:	Clear = 112
Condensate Control:	LEXAN LC200DG Corrugated Sheet (DG=Drip guard) LEXAN CSSIOM7615 Corrugated Sheet
Masking:	None
UV Tape:	"LEXAN Corrugated Sheet", applied to UV protected side

CONTACT US:

Middle East and Africa

SABIC Global Headquarters
PO Box 5101
Riyadh 11422
Saudi Arabia
T +966 (0) 1 225 8000
F +966 (0) 1 225 9000
E info@sabic.com

Email

sfs.info@sabic-ip.com

Americas

Specialty Film & Sheet
1 Plastics Avenue
Pittsfield, MA 01201
USA
Toll-free 1 800 323 3783
T 1 413 448 6655
F (888) 443 2033
E Spinside.sales@sabic-ip.com

Europe

Specialty Film & Sheet
Plasticslaan 1
4612 PX
Bergen op Zoom
The Netherlands
T +31 (0)164 293678
F +31 (0)164 293272
E sfs.info@sabic-ip.com

Asia Pacific

Specialty Film & Sheet
2550 Xiupu Road
Pudong
201319 Shanghai
China
T +86 21 2037 8188
F +86 21 2037 8288
E sfs.info@sabic-ip.com

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