

PRODUCT INFORMATION SHEET

CORNING SAS

PO Box Nr 90094 - Bagneaux sur Loing - F 77992 Nemours cédex - FRANCE

Glass designation :

Corning® Med-X® LT Glass

Glass type :

Laminated Lead Glass with Corning® Advanced Glazing

Application :

X-Ray shielding for fixed installed windows and mobile barriers in medical, industrial and research environments

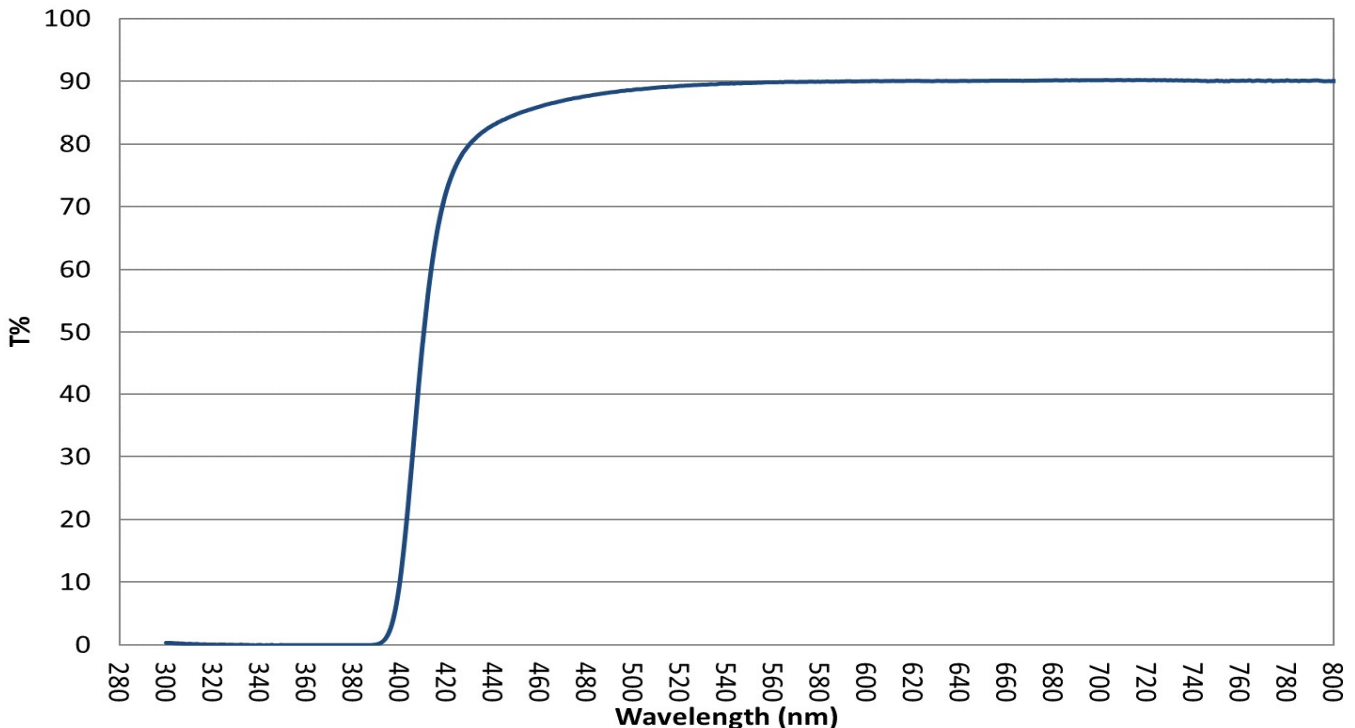
MECHANICAL PROPERTIES		
Density of lead glass	>4.80	g/cm ³
Knoop hardness of cover glass	489	kg/mm ²
Haze after abrasion <i>3.600 cycles - Corundum sand</i>	2.9	%

TRANSMISSION PROPERTIES	
Laminated Thickness	T% @ 550 nm
7.9 mm	89.7%
8.9 mm	Not measured
9.5 mm	89.4%
10.9 mm	89.2%
12.4 mm	Not measured

CHEMICAL DURABILITY		
Acid Resistance of cover glass		
<i>Per Standard DIN 12116</i>	<65	mg/dm ²
<i>Result > 15 = S4</i>	S4	/
Alkali Resistance of cover glass		
<i>Per Standard ISO 695</i>	<210	mg/dm ²
<i>Result > 175 = A3</i>	A3	/

TEST AGAINST INTERNATIONAL STANDARD	
Radiation shielding	
<i>Per Standard IEC 61 331: 2014</i>	Information available in Specification
Safety Impact Glazing	
<i>Per Standard EN 12600</i>	1B1 *
<i>Per CPSC 16 CFR1201</i>	Cat 2**
Abrasion	
<i>Per Standard ASTM F735-94</i>	Information upon request
<i>*Test performed for the LE 2.1 mmPb item</i>	
<i>**Test performed for the LE 1.7 mmPb item</i>	

Corning® Med-X® LT - Transmittance - thickness sample : range 6.9-8.9mm



Non-toleranced numerical values are typical values

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