

# List of Standard Colours AKRYLON® XT - ITEM codes and Light Transmission

Colour code	ITEM code	Colour	Thickness	Light Transmission average at 400-700nm (%)
1900	AQ1000FLS...	clear	3 mm	93
1250	AQR150FLS...	transparent red	3 mm	32
1270	AQR170FLS...	transparent red	3 mm	34
1280	AQR180FLS...	transparent red	3 mm	31
1290	AQR190FLS...	transparent red	3 mm	23
1320	AQO120FLS...	transparent orange	3 mm	48
1350	AQO150FLS...	transparent orange	3 mm	71
1360	AQO160FLS...	transparent orange	3 mm	44
1440	AQY140FLS...	transparent yellow	3 mm	77
1460	AQY160FLS...	transparent yellow	3 mm	62
1530	AQG130FLS...	transparent silicate green (glass look)	3 mm	89
1550	AQG150FLS...	transparent green	3 mm	41
1560	AQG160FLS...	transparent green	3 mm	76
1570	AQG170FLS...	transparent green	3 mm	76
1580	AQG180FLS...	transparent green	3 mm	13
1584	AQG185FLS...	transparent green	3 mm	51
1620	AQB120FLS...	transparent blue	3 mm	69
1630	AQB130FLS...	transparent blue	3 mm	47
1640	AQB140FLS...	transparent blue	3 mm	22
1660	AQB160FLS...	transparent blue	3 mm	15
1680	AQB180FLS...	transparent blue	3 mm	18
1673	AQB173FLS...	transparent fluo-blue	3 mm	90
1750	AQP150FLS...	transparent pink	3 mm	80
1770	AQP170FLS...	transparent purple	3 mm	51
1801	AQS101FLS...	transparent smoked grey	3 mm	79
1805	AQS105FLS...	transparent smoked brown	3 mm	48
1807	AQS107FLS...	transparent smoked brown	3 mm	29
1812	AQS112FLS...	transparent smoked brown	3 mm	13
1842	AQS142FLS...	transparent smoked beige	3 mm	52
1855	AQS155FLS...	transparent smoked green	3 mm	25
1862	AQS162FLS...	transparent smoked blue-grey	3 mm	46
1864	AQS164FLS...	transparent smoked blue-grey	3 mm	30
1868	AQS168FLS...	transparent smoked blue	3 mm	38
1870	AQS170FLS...	transparent smoked blue	3 mm	22
1885	AQS185FLS...	transparent smoked anthracite	3 mm	24
2020	AQN220FLS...	opaque black	3 mm	0
2025	AQN225FLS...	opaque glossy black	3 mm	0
2220	AQR220FLS...	translucent red	3 mm	15
2240	AQR240FLS...	translucent red	3 mm	14
2350	AQO250FLS...	translucent orange	3 mm	14
2403	AQI203FLS...	translucent ivory	3 mm	27
2405	AQI205FLS...	translucent ivory	3 mm	30
2450	AQY250FLS...	translucent yellow	3 mm	19
2470	AQY270FLS...	translucent yellow	3 mm	21
2550	AQG250FLS...	translucent green	3 mm	1
2620	AQB220FLS...	translucent blue	3 mm	9
2630	AQB230FLS...	translucent blue	3 mm	11
2650	AQB250FLS...	translucent blue	3 mm	24
2910	AQW210FLS...	opal white	3 mm	85
2945	AQW245FLS...	opal white	3 mm	29
2960	AQW260FLS...	opal white - blue	3 mm	30
3910	AQW310FLS...	opaque white	3 mm	7
3010	AQC310FLS...	opaque grey	3 mm	0

- **AKRYLON® XT Colours** (transparent, translucent, opaque)
  - LT and colour shade is the same for each thickness

**Light Transmission** (LT) is determined by the spectrophotometer as average individual values of light transmission with a wavelength from 400 to 700 nm.

- **AKRYLON® XT UVT Clear**

**UV Transmission** (UVT) is determined by the spectrophotometer at the wavelength 300 nm.

Colour code	ITEM code	Colour	Thickness	UV Transmission at 300nm (%)
<b>1900 UVT</b>	AQ1000UVT...	clear – UV Transmitted	3mm	83

- **AKRYLON® XT White Opals and Opaque**

- LT depends on thickness of the sheet (the bigger thickness, the lower light transmission), except for opals 2930 and 2940.

**Light Transmission** (LT) is determined by the spectrophotometer as average individual values of light transmission with a wavelength from 400 to 700 nm.

The light transmissions of the white opals and opaque are mentioned hereinafter in the separate table in detail.

#### AKRYLON® XT White Opals - Light Transmission

Colour Code	Colour	Thickness	Light Transmission (%) (average at 400 – 700 nm)
2910	white opal	2 mm	92 ± 1
		2.5 mm	87 ± 1
		3 mm	85 ± 1
		4 mm	78 ± 1
		5 mm	71 ± 1
		6 mm	63 ± 1
8 mm	52 ± 1		
2911	white opal	10 mm	67 ± 3
2920	white opal	3 mm	70 ± 3
		4 mm	60 ± 3
2930	white opal	≤ 6 mm	39 ± 2
		8 - 10 mm	26 ± 3
2940	white opal	≤ 6 mm	29 ± 2
		8 - 10 mm	22 ± 3
2945	white opal	2 mm	37 ± 2
		2.5 mm	32 ± 2
		3 mm	29 ± 2
		4 mm	23 ± 2
		5 mm	19 ± 2
		6 mm	15 ± 2

**AKRYLON® XT white opals - Light Transmission**

Colour Code	Colour	Thickness	Light Transmission (%) (average at 400 – 700 nm)
2960	white opal – blue	2 mm	37 ± 2
		2,5 mm	32 ± 2
		3 mm	30 ± 2
		4 mm	24 ± 2
		5 mm	17 ± 2
		6 mm	12 ± 2

**AKRYLON® XT opaque white - Light Transmission**

Colour Code	Colour	Thickness	Light Transmission (%) (average at 400 – 700 nm)
3910	opaque white	2 mm	9 ± 2
		2,5 mm	8 ± 2
		3 mm	7 ± 2
		4 mm	6 ± 2
		5 mm	5 ± 2
		8 mm	3 ± 2
		10 mm	2 ± 2