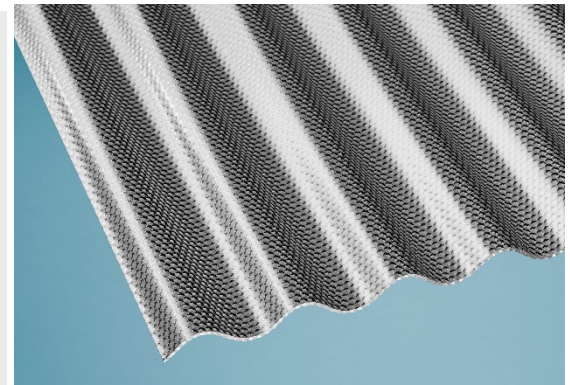


# TECHNICAL DATA

## GPK PMMA corrugated sheets (sine and trapezoid) made from polymethyl methacrylate

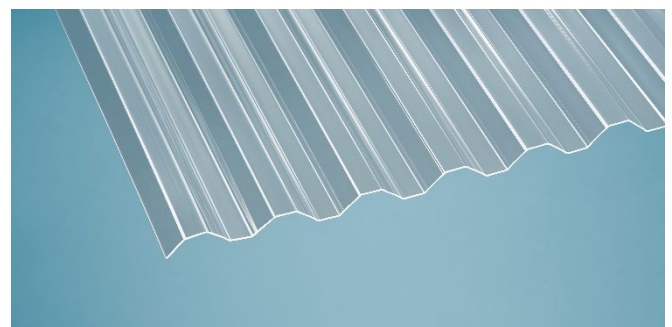
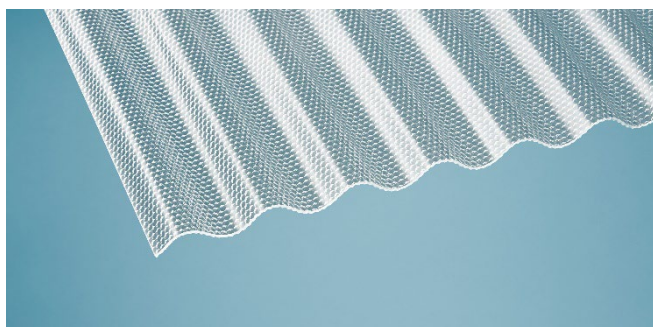
### SHORT DESCRIPTION

GPK PMMA corrugated acrylic sheets are impact-resistant and are manufactured in clear and various coloured versions.



### DATA

General Properties		
Panel width/usable width	mm	920/850 1045/980
Material thickness*	mm	ca. 1,5 - 3,0
E-Modul	MPa	2200
Max. service temperature without load	°C	70
Permissible bending moment related to the unit length	Nm/m	70
Coefficient of thermal expansion	mm/m °C	0,07
Possible expansion due to heat and moisture	mm/m °C	7
Minimum roof pitch	Grad/cm	5/9
Max. purlin spacing at 750 N/m <sup>2</sup> snow/wind load Corrugation	mm	600/850
Max. purlin spacing at 750 N/m <sup>2</sup> snow/wind load Corrugation	mm	1200



# TECHNICAL DATA

## GPK PMMA corrugated sheets (sine and trapezoid) made from polymethyl methacrylate

Degree of transmission		
Thickness in mm	Execution	Transmittance* in %
1,5 - 3,0	Sine 76/18 smooth clear	approx. 90
3,0	Sine 76/18 smooth klima blue	approx. 21
1,5 - 3,0	Trapezoid 76/18 smooth clear	approx. 90
3,0	Sine 76/18 Wabe clear	approx. 81
3,0	Sine 76/18 Wabe bronze	approx. 55
3,0	Sine 76/18 Wabe grey	approx. 55
3,0	Sine 76/18 Wabe klima blue	approx. 21
1,5 - 3,0	Sine 76/18 C-structure clear	approx. 81
1,5 - 3,0	Sine 76/18 C-structure bronze	approx. 55
1,5 - 3,0	Sine 76/18 C-structure grey	approx. 55
1,5 - 3,0	Trapezoid 76/18 C-structure clear	approx. 81
1,5 - 3,0	Trapezoid 76/18 C-structure bronze	approx. 55
2,5	Trapezoid 76/18 C-structure grey	approx. 55
2,0	Sine 76/18 clear	approx. 81
2,0	Sine 76/18 bronze	approx. 55