



# EC – DECLARATION OF PERFORMANCE

DECLARATION NO: TEKNORM/03/03.02.2020

PRODUCER	TEKNORM PLASTIC PACKAGING CONSTRUCTION GLASS METAL INDUSTRY TRADE LTD. COMPANY				
COMPANY ADDRESS	MIMARSINAN ORGANIZED INDUSTRIAL ZONE 17 STREET NO-9 KAYSERI / TURKEY				
MANUFACTURING ADDRESS	MIMARSINAN ORGANIZED INDUSTRIAL ZONE 17 STREET NO-9 KAYSERI / TURKEY				
PRODUCT FEATURES	PMMA (ACRYLIC) SOLID SHEET				
PRODUCT RELATED REGULATION	89/106/ AT CONSTRUCTION MATERIALS REGULATION				
PRODUCT STANDARD	TS 6997 EN ISO 11963				
PRODUCT FEATURES	SIZE AND TOLERANTS : 1,0.....12mm / ± 0,4				
REPRESENTATIONS	Acoustic	<b>Typical Properties</b>	<b>Unit</b>	<b>Test Value</b>	<b>Test Method</b>
		Sound Reduction (Thickness : 8mm)	dB	27	EN14388
		Sound Reduction (Thickness : 10mm)	dB	30	EN14388
		Sound Reduction (Thickness : 12mm)	dB	33	EN14388
	Test	<b>Typical Properties</b>	<b>Unit</b>	<b>Test Value</b>	<b>Test Method</b>
	Optical Properties	Refractive Index	---	1,49	ISO 489
		Total Luminous Transmittance	%	92	ISO 13468-1
		Haze	%	< 0,5	ISO 14782
	Thermal Properties	Coefficient of Linear Expansion	1/ °C	7X10 <sup>-5</sup>	ISO 11359-2
		Vicat Softening Temperature (VST)	°C	109	ISO 306 (B50)
		Deflection Temperature Under 1.80 Mpa (annealed)	°C	101	ISO 75-2Af
		Melt Flow Rate (230°C/3.8kg)	g/10min	2	ISO 1133
	Mechanical Properties	Tensile Strength break	Mpa	76	ISO 527-2
		Tensile Strain at break	%	4	ISO 527-2
		Flexural Strength	Mpa	120	ISO 178
		Flexural Modulus	Mpa	3100	ISO 178
		Charpy Impact Strenght (notshed)	kJ/m <sup>2</sup>	1.4	ISO 179(1Ea)
		Rockwell Hardness Scale M	-	100	ISO 2039-2
	Electrical Properties	Surface Resistivity	Ω	> 10 <sup>16</sup>	IEC 60093
		Volume Resistivity	Ω cm	> 10 <sup>15</sup>	IEC 60093
		Insulation Resistance	Ω	> 10 <sup>15</sup>	IEC 60167
		Dielectric Strenght	kV/mm	20	IEC 60243-1
		Dielectric Constant (1MHz)	---	3.1	IEC 60250
Other Properties	Specific Gravity	---	1.19	ISO 1183	
	Mold Shrinkage	%	0.2 – 0.6	ISO 294-4	
	Water Absorption	%	0.3	ISO 62	
	Flammability	---	HB	UL 94	

In accordance with the stated Standards of Product/Products in Name Type or Model, Pmma (acrylic) Multiwall Sheet, TS 6997 EN ISO 11963 Standard and 89/106/ AT We have produced to meet the Building Material Regulations, CE we declare that we mark it.



**TEKNORM**  
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03.02.2020

Company Stamp / Authorized signature

EC-DECLARATION OF CONFORMITY