



MELLIOS PLASTICS

► PROFILES ► TUBES ► SPECIAL APPLICATIONS

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Our WASHERS FOR FASTENING OF SHEETS are produced from **transparent clear pure virgin** Polycarbonate UV stabilized and they shows the following specifications:

Diameter: 39.5 mm $\pm$ 0.15

Length: 0 - 4 - 6 - 8 - 10 - 16 - 20 - 25 mm, according to order $\pm$ 0.15mm

Packaging: 80 pieces in plastic bag. 13 bags in carton box = 1040 pices.

Due to the foamy ring they close firmly on the sheet stopping the water and dust insert.

The worker can use screws for metal or wood, of diameter less than 6.2 mm.

Physical	Nominal Value	Unit	Test Method
Density	1,2	g/cm ²	ISO 1183
Mecanical			
Tensile Modulus	2300	Mpa	ISO 527-2
Nominal Tensile Strain at Break	50	%	ISO 527-2
Flexular Strength	90	Mpa	ISO 527-2
Impact			
Notched Izod Impact Strength (23 ⁰)	60	kJ/m ²	ISO 180/1A
Hardness			
Rocwell Hardness (M-Scale)	70		ISO 2039-2
Thermal			
Heat Deflection Temperature (1.8 Mpa Unannealed)	130	⁰ C	ISO 75-2A
Vicat Softening Temperature	145	⁰ C	Iso 306/B50
Electrical			
Surface resistivity	1.0E+15	ohms	IEC 60093
Volume resistivity	1.0E+16	ohms-cm	IEC 60093
Flamability			
Burning Behav.	V-2		ISO 1210-2
Flamability Clasification	V-2		ISO 1210-2
Glow Wire Flamability Index 1,5mm	800	⁰ C	IEC 60695-2-12
Glow Wire Flamability Index 3mm	960	⁰ C	IEC 60695-2-12