



MAYRON® MW320
Polycarbonate (PC)

Physical Properties	Method	Testing Condition	Unit	Typical Value
Specific Gravity	ASTM D-792	-	g/cm ³	1.20
Water Absorption	ASTM D-570	23 °C	%	0.20

Mechanical Properties

Tensile Strength	ASTM D 638	-	kg/cm ²	660
Tensile Elongation	ASTM D 638	-	%	110
Flexural Modulus	ASTM D 790	-	kg/cm ²	24000
Flexural Strength	ASTM D 790	-	kg/cm ²	910
Izod Impact	ASTM D 256	V-notched, 1/8"	kg.cm/cm	65

Thermal Properties

Melt Flow Index	ASTM D 1238	-	g/10min	8
Heat Distortion Temperature	ASTM D-648	18.6kg/cm ²	°C	125
Flammability	UL-94	-	-	V2

Processing Properties

Drying Hour	-	-	Hr	3-4
Drying Temperature	-	-	°C	120
Melt Temperature	-	-	°C	260-280

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