

MAYLOY® MW670A**Polycarbonate-Acrylonitrile-Butadiene-Styrene Blend (PC/ABS)**

Physical Properties	Method	Testing Condition	Unit	Typical Value
Specific Gravity	ASTM D-792	-	g/cm ³	1.12
Water Absorption	ASTM D-570	23 °C	%	0.20

Mechanical Properties

Tensile Strength	ASTM D 638	-	kg/cm ²	560
Tensile Elongation	ASTM D 638	-	%	90
Flexural Modulus	ASTM D 790	-	kg/cm ²	24000
Flexural Strength	ASTM D 790	-	kg/cm ²	800
Izod Impact	ASTM D 256	V-notched, 1/8"	kg.cm/cm	55

Thermal Properties

Melt Flow Index	ASTM D 1238	-	g/10min	15
Heat Distortion Temperature	ASTM D-648	18.6kg/cm ²	°C	105
Flammability	UL-94	-	-	HB

Processing Properties

Drying Hour	-	-	Hr	3-4
Drying Temperature	-	-	°C	95-100
Melt Temperature	-	-	°C	230-250

All information is furnished in good faith, without warranty, representation, inducement or a license of any kind. No guarantee is given that Metro Wealth Polymer products will be suitable in purchasers' formulations or processes for any particular end use.