

POLYLAC PA-704LRP

ABS

CHIMEI Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	17	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Yield stress	47	MPa	ISO 527
Yield strain	34	%	ISO 527
Flexural modulus, 23°C	2200	MPa	ISO 178
Flexural strength	76	MPa	ISO 178
Charpy notched impact strength, +23°C	21	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	10	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	19	kJ/m ²	ISO 180/1A
Izod notched impact strength	9	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	83	°C	ISO 75-1/-2
Vicat softening temperature, A	104	°C	ISO 306
Vicat softening temperature, B	100	°C	ISO 306
Coeff. of linear therm. expansion, parallel	86	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Other properties			
Density	1050	kg/m ³	ISO 1183

Characteristics**Applications**

Medical

Regional Availability

Asia Pacific