

TEST REPORT

Report number: YCDJ202401172414
Date of report: 2024-01-17

Client:

Sample Name: LCP

Address:

Date of receipt: 2024-01-17

Contact number:

Completion date: 2024-01-17

Injection molding condition process	Drying temperature	Drying time	Injection molding temperature	Injection pressure
	150 °C	300 分钟	320 °C	75 MPa

Remarks

Test Items	Test equipment	Test standard	Test method	unit	Test Results
Fire resistance	Combustion test chamber	UL 94	127*12.8*1.6mm 127*12.8*3.2mm		
Melting index	Melt flow index tester	ASTM D1238	temperature °C/ weightkg	g/10min	
Melting point	Melting point temperature tester				
Thermal deformation temperature	Thermal deformation temperature tester	ASTM D648	Stress 1.8 mpa/deformation0.341	°C	236.7
Vica softening point	Vica softening point tester	ASTM D648		°C	
Specific gravity density	Gravity meter	ASTM D792		g/cm3	
Fiber content/ash content	High temperature glass fiber combustion furnace			%	
Rockwell hardness	Rockwell hardness tester			HRR	
Bending strength	Universal tensile testing machine	ASTM D790	National standard test strip	MPa	140.8
Bending modulus	Universal tensile testing machine	ASTM D790	National standard test strip	MPa	10472.5
Tensile Stress	Universal tensile testing machine	ASTM D638	116.7 116.9 116.6	MPa	116.7
Elongation at break	Universal tensile testing machine	ASTM D638	1.8 2.3 2.1	%	2.1
Us standard impact strength	Cantilever beam impact testing machine	American standard ASTMD256	10.16mm*3.2mm 23°C/J/m	Kj/m2 -----Corresponding value	

①、GB is the national standard ②、ASTM is the American standard ③、and ISO is the international standard

Description of test report: All test data in this test report are tested by laboratory instruments to obtain real data Machine brand difference and product processing technology adjustment, data for reference only.