

# SABIC LEXAN™ PC 123SRM物性表

属性	典型值	UNITS	测试手段
<b>MECHANICAL</b>			
Tensile Stress, yld, Type I, 50 mm/min	65	MPa	ASTM D638
Tensile Strain, brk, Type I, 50 mm/min	143	%	ASTM D638
Flexural Stress, yld, 1.3 mm/min, 50 mm span	97	MPa	ASTM D790
Flexural Modulus, 1.3 mm/min, 50 mm span	2300	MPa	ASTM D790
<b>IMPACT</b>			
Izod Impact, notched, 23°C	801	J/m	ASTM D256
<b>THERMAL</b>			
HDT, 1.82 MPa, 3.2mm, unannealed	123	°C	ASTM D648
HDT, 1.82 MPa, 6.4 mm, unannealed	133	°C	ASTM D648
<b>PHYSICAL</b>			
Specific Gravity	1.2	-	ASTM D792
Water Absorption, (23°C/24hrs)	0.15	%	ASTM D570
Mold Shrinkage, flow, 3.2 mm	0.5-0.7	%	SABIC method
Melt Flow Rate, 300°C/1.2 kgf	18	g/10 min	ASTM D1238
<b>FLAME CHARACTERISTICS</b>			
Glow Wire Flammability Index 850°C, passes at	1	mm	IEC 60695-2-12
<b>Injection Molding</b>			
Drying Temperature	120	°C	
Drying Time	3-4	Hrs	
Drying Time (Cumulative)	48	Hrs	
Melt Temperature	280-305	°C	
Mold Temperature	70-95	°C	

此数据由我们从该材料的生产商处获得。我们尽最大努力确保此数据的准确性，但是我们对这些数据值不承担任何责任，并强烈建议在最终选料前，就数据值与材料供应商进行验证。