

# SABIC XENOY™ PBT/PC X2203物性表

属性	典型值	UNITS	测试手段
<b>MECHANICAL</b>			
Flexural Stress, yld, 1.3 mm/min, 50 mm span	100	MPa	ASTM D790
Flexural Modulus, 1.3 mm/min, 50 mm span	2640	MPa	ASTM D790
<b>IMPACT</b>			
Izod Impact, notched, 23°C	209	J/m	ASTM D256
Izod Impact, notched, 0°C	121	J/m	ASTM D256
Izod Impact, notched, -20°C	127	J/m	ASTM D256
Instrumented Dart Impact Total Energy, 23°C	68	J	ASTM D3763
Instrumented Impact Total Energy, 0°C	67	J	ASTM D3763
Instrumented Impact Total Energy, -20°C	72	J	ASTM D3763
<b>THERMAL</b>			
HDT, 0.45 MPa, 3.2 mm, unannealed	103	°C	ASTM D648
HDT, 1.82 MPa, 3.2mm, unannealed	90	°C	ASTM D648
<b>PHYSICAL</b>			
Melt Volume Rate, MVR at 265°C/5.0 kg	35	cm <sup>3</sup> /10 min	ISO 1133
<b>FLAME CHARACTERISTICS</b>			
UL Yellow Card Link	E121562-101949156	-	-
<b>Injection Molding</b>			
Drying Temperature	110	°C	
Drying Time	4-6	Hrs	
Drying Time (Cumulative)	8	Hrs	
Maximum Moisture Content	0.02	%	
Melt Temperature	260-280	°C	
Nozzle Temperature	255-275	°C	
Front - Zone 3 Temperature	260-280	°C	

Middle - Zone 2 Temperature	255-275	°C
Rear - Zone 1 Temperature	250-270	°C
Mold Temperature	65-95	°C
Back Pressure	0.3-0.6	MPa
Screw Speed	50-80	rpm
Shot to Cylinder Size	50-80	%
Vent Depth	0.013-0.02	mm

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。