

Matrixx 55N5006

聚碳酸酯

LyondellBasell Industries

Technical Data		
Product Description		
Matrixx 55N5006 是一种聚碳酸酯 (PC) 产品,。 它,在北美洲有供货。		
特性包括:		
• 阻燃/额定火焰 • Flame Retardant		
General		
Additive	• 阻燃性	
Features	• 阻燃性	
Forms	• 粒子	
Physical		
Density / Specific Gravity	额定值 单位制	测试方法
Density / Specific Gravity	1.23 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	12 g/10 min	ASTM D1238
Molding Shrinkage - 流动 (3.18 mm)	0.50 到 0.70 %	Internal Method
Mechanical		
Tensile Strength (屈服)	额定值 单位制	测试方法
Tensile Strength (屈服)	60.7 MPa	ASTM D638
Flexural Modulus - 正切	2240 MPa	ASTM D790
Impact		
Notched Izod Impact	额定值 单位制	测试方法
Notched Izod Impact	690 J/m	ASTM D256
Gardner Impact	> 36.2 J	ASTM D5420
Thermal		
Deflection Temperature Under Load	额定值 单位制	测试方法
Deflection Temperature Under Load		ASTM D648
0.45 MPa, 未退火	129 °C	
1.8 MPa, 未退火	127 °C	
RTI Str	115 °C	UL 746
Flammability		
Flame Rating	额定值 单位制	测试方法
Flame Rating		UL 94
1.5 mm	V-0	
2.5 mm	5VA	
Additional Information		
The value listed as Mold Shrinkage, ASTM D955, was tested in accordance with Matrixx test methods.		
Injection		
Drying Temperature	额定值 单位制	
Drying Temperature	121 °C	
Drying Time	4.0 hr	
Rear Temperature	249 到 299 °C	
Middle Temperature	249 到 299 °C	
Front Temperature	249 到 299 °C	
Processing (Melt) Temp	282 到 299 °C	
Mold Temperature	71 到 104 °C	
Injection Rate	慢到中等	
Back Pressure	0.345 到 0.689 MPa	
Screw Speed	40 到 75 rpm	
Cushion	6.35 到 12.7 mm	
Injection Notes		
-20°F Dewpoint		