

# 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

	额定值 单位制	测试方法
Density / Specific Gravity	1.23 g/cm <sup>3</sup>	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

	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

	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

	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

	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

	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