

## Technical Data

### 产品说明

TOTAL Polypropylene PPC 12642	<p>Polypropylene PPC 12642 is a nucleated antistatic heterophasic copolymer with high Melt Flow Index of 70 g/10 min and good mechanical properties.</p> <p>Polypropylene PPC 12642 has been developed for high speed injection moulding of thin walled packaging containers.</p> <p>We hereby confirm that we do not use peroxide in the manufacturing of the above-mentioned Product.</p> <p>BJ368MO is a polypropylene copolymer characterized by good flow, and optimum combination of high stiffness and high impact strength.</p> <p>The material is nucleated with Borealis Nucleation Technology (BNT). Flow properties, nucleation and good stiffness give potential for cycle time reduction. The material have good antistatic performance and good mould release properties.</p>
Borealis PP BJ368MO	<p><b>Applications</b></p> <ul style="list-style-type: none"> <li>Thin wall containers</li> </ul> <p><b>Special Features</b></p> <ul style="list-style-type: none"> <li>stiffness and impact balance</li> <li>Good flow behaviour</li> <li>Reduced cycle time and increased output</li> </ul>
TAIRIPRO® K8065	<p>Injection Molding</p> <p><b>CHARACTERISTICS:</b> High fluidity, Good impact strength, High Stiffness,Low warpage,Anti-static</p>

总览	TOTAL Polypropylene PPC 12642	Borealis PP BJ368MO	TAIRIPRO® K8065
生产商/供应商	• TOTAL	• Borealis AG	• Formosa Chemicals & Fibre Corporation
通用符号	• 抗撞击 PP 均聚物	• PP 共聚物	• 抗撞击 PP 均聚物
材料状态	• 已商用：当前有效	• 已商用：当前有效	• 已商用：当前有效
资料 <sup>1</sup>	• <a href="#">Technical Datasheet (English)</a>	• <a href="#">Technical Datasheet (English)</a>	• <a href="#">Processing (English)</a> • <a href="#">Technical Datasheet (English)</a>
搜索 UL 黄卡	• <a href="#">TOTAL</a>	• <a href="#">Borealis AG</a>	• <a href="#">Formosa Chemicals &amp; Fibre Corporation</a> • <a href="#">TAIRIPRO®</a>
供货地区	• 欧洲	• 北美洲 • 非洲和中东 • 拉丁美洲 • 欧洲 • 亚太地区	• 北美洲 • 欧洲 • 亚太地区
添加剂	• 成核剂 • 抗静电性	• 成核剂	--



总览	TOTAL Polypropylene PPC 12642	Borealis PP BJ368MO	TAIRIPRO® K8065
特性	<ul style="list-style-type: none"> <li>成核的</li> <li>抗冲共聚物</li> <li>抗静电性</li> <li>流动性高</li> </ul>	<ul style="list-style-type: none"> <li>成核的</li> <li>高刚性</li> <li>高抗撞击性</li> <li>共聚物</li> <li>抗静电性</li> <li>可回收材料</li> <li>快的成型周期</li> <li>良好的流动性</li> <li>脱模性能良好</li> </ul>	<ul style="list-style-type: none"> <li>低翘曲性</li> <li>高刚性</li> <li>抗冲共聚物</li> <li>抗静电性</li> <li>良好抗撞击性</li> <li>流动性高</li> </ul>
用途	<ul style="list-style-type: none"> <li>薄壁包装</li> <li>薄壁容器</li> </ul>	<ul style="list-style-type: none"> <li>薄壁容器</li> </ul>	--
机构评级	<ul style="list-style-type: none"> <li>EC 1907/2006 (REACH)</li> </ul>	--	<ul style="list-style-type: none"> <li>EC 1907/2006 (REACH)</li> <li>FDA 21 CFR 177.1520(c) 3.1a</li> </ul>
RoHS 合规性	<ul style="list-style-type: none"> <li>RoHS 合规</li> </ul>	--	<ul style="list-style-type: none"> <li>RoHS 合规</li> </ul>
UL 文件号	--	--	<ul style="list-style-type: none"> <li>E162823</li> </ul>
形式	<ul style="list-style-type: none"> <li>粒子</li> </ul>	--	--
加工方法	<ul style="list-style-type: none"> <li>注射成型</li> </ul>	<ul style="list-style-type: none"> <li>注射成型</li> </ul>	<ul style="list-style-type: none"> <li>注射成型</li> </ul>

物理性能	TOTAL Polypropylene PPC 12642	Borealis PP BJ368MO	TAIRIPRO® K8065	单位制	测试方法
密度 / 比重					
-- <sup>3</sup>	--	--	0.898	g/cm <sup>3</sup>	ASTM D792
--	0.905	0.905	--	g/cm <sup>3</sup>	ISO 1183
23°C	--	--	0.898	g/cm <sup>3</sup>	ISO 1183
表观密度	0.53	--	--	g/cm <sup>3</sup>	ISO 1183
熔速率 ( 熔体流动速率 )					
230°C/2.16 kg	--	--	65	g/10 min	ASTM D1238
230°C/2.16 kg	70	70	65	g/10 min	ISO 1133
收缩率					
流动 : 23°C	--	--	1.4 到 1.8	%	ASTM D955
23°C	--	--	1.4 到 1.8	%	ISO 2577

机械性能	TOTAL Polypropylene PPC 12642	Borealis PP BJ368MO	TAIRIPRO® K8065	单位制	测试方法
拉伸模量					
--	1600	--	--	MPa	ISO 527-1
--	--	1500	--	MPa	ISO 527-1/50



机械性能	TOTAL Polypropylene PPC 12642	Borealis PP BJ368MO	TAIRIPRO® K8065	单位制	测试方法
<b>抗张强度</b>					
屈服, 23°C	--	--	23.0	MPa	ASTM D638 ISO 527-2
屈服	27.0	--	--	MPa	ISO 527-2
屈服	--	25.0	--	MPa	ISO 527-2/50
<b>拉伸应变</b>					
屈服	5.0	--	--	%	ISO 527-2
屈服	--	4.0	--	%	ISO 527-2/50
断裂, 23°C	--	--	> 100	%	ASTM D638 ISO 527-2
<b>弯曲模量</b>					
23°C	--	--	1230	MPa	ASTM D790A ISO 178
--	1500	1500	--	MPa	ISO 178
<b>冲击性能</b>					
<b>简支梁缺口冲击强度</b>					
-20°C	4.5	--	--	kJ/m <sup>2</sup>	ISO 179
-20°C	--	3.5	--	kJ/m <sup>2</sup>	ISO 179/1eA
23°C	6.0	--	--	kJ/m <sup>2</sup>	ISO 179
23°C	--	5.5	--	kJ/m <sup>2</sup>	ISO 179/1eA
<b>悬壁梁缺口冲击强度</b>					
-20°C	4.0	--	--	kJ/m <sup>2</sup>	ISO 180
23°C	6.5	--	--	kJ/m <sup>2</sup>	
<b>无缺口悬臂梁冲击<sup>4</sup></b>					
-20°C	--	--	47	J/m	ASTM D4812
23°C	--	--	88	J/m	
<b>硬度</b>					
<b>洛氏硬度</b>					
R 级, 23°C	--	--	85		ASTM D785
R 计秤	100	--	--		ISO 2039-2
R 计秤, 23°C	--	--	85		ISO 2039-2

热性能	TOTAL Polypropylene PPC 12642	Borealis PP BJ368MO	TAIRIPRO® K8065	单位制	测试方法
载荷下热变形温度					
0.45 MPa, 未退火 <sup>5</sup>	--	--	115	°C	ASTM D648 ISO 75-2/B
0.45 MPa, 未退火	100	--	--	°C	ISO 75-2/B
1.8 MPa, 未退火	55.0	--	--	°C	ISO 75-2/A
维卡软化温度					
--	80.0	--	--	°C	ISO 306/B50
--	148	--	--	°C	ISO 306/A50
熔融温度 ( DSC )	165	--	--	°C	ISO 3146
补充信息	TOTAL Polypropylene PPC 12642	Borealis PP BJ368MO	TAIRIPRO® K8065	单位制	测试方法
Heat Deflection Temperature	--	102	--	°C	ISO 75-2
注射	TOTAL Polypropylene PPC 12642	Borealis PP BJ368MO	TAIRIPRO® K8065	单位制	
加工 ( 熔体 ) 温度	--	210 到 260	--	°C	
模具温度	--	10 到 30	--	°C	
注射速度	--	快速	--		
保压	--	20.0 到 50.0	--	MPa	

备注

<sup>1</sup> 通过这些链接您能够访问供应商资料。我们尽量保证及时更新资料；不过您可以从供应商处了解最新资讯。

<sup>2</sup> 一般属性：这些不能被视为规格。

<sup>3</sup> 23°C

<sup>4</sup> 1/8"bar

<sup>5</sup> 1/4" bar



购买地点

供应商	
TOTAL Polypropylene PPC 12642	<b>TOTAL</b> Houston, Houston USA 电话: 800-344-3462 (US); +33-1-47-44-45-46 (EU) Web: <a href="https://www.polymers.total.com">https://www.polymers.total.com</a>
Borealis PP BJ368MO	<b>Borealis AG</b> Vienna, Vienna Austria 电话: +43-122-400-302 Web: <a href="http://www.borealisgroup.com/">http://www.borealisgroup.com/</a>
TAIRIPRO® K8065	<b>Formosa Chemicals &amp; Fibre Corporation</b> Taipei, Taipei Taiwan 电话: +886-2-2712-2211 Web: <a href="http://en.fcfc-plastics.com/">http://en.fcfc-plastics.com/</a>



## 分销商

TOTAL Polypropylene PPC 12642

**RESINEX Group***RESINEX is a Pan European distribution company. Contact RESINEX for availability of individual products by country.*

电话: +32-14-672511

Web: <http://www.resinex.com/>

供货地区: Czech Republic, Hungary, Slovakia

**TER HELL Plastic GmbH***TER HELL Plastic is a Pan European distribution company. Contact TER HELL Plastic for availability of individual products by country.*

电话: +49-2366-5661-0

Web: <https://www.terplastics.com/>

供货地区: France, Germany, Poland, Spain

Borealis PP BJ368MO

**Biesterfeld***Biesterfeld is a Pan European distribution company. Contact Biesterfeld for availability of individual products by country.*

电话: +49-40-32008-0

Web: <http://www.biesterfeld-plastic.com/>

供货地区: Bosnia and Herzegovina, Bulgaria, Ireland, Romania, Serbia, Turkey, United Kingdom

**M. Holland Canada Company**

电话: 905-665-1168

Web: <http://www.mholland.com/>

供货地区: Canada

**M. Holland Company**

电话: 855-497-1403

Web: <http://www.mholland.com/>

供货地区: Mexico, United States

**Nexeo Plastics - Europe***Nexeo Plastics is a Pan European distribution company. Contact Nexeo for availability of individual products by country.*

电话: +34-93-480-9125

Web: <https://www.nexeoplastics.com/>

供货地区: Austria, Belgium, Bulgaria, Czech Republic, Denmark, Finland, France, Germany, Ireland, Italy, Latvia, Lithuania, Luxembourg, Netherlands, Norway, Poland, Portugal, Romania, Russian Federation, Slovakia, Spain, Sweden, Switzerland, United Kingdom

TAIRIPRO® K8065

**Click Plastics AG***Click Plastics AG is a Pan European distribution company. Contact Click Plastics for availability of individual products by country.*

电话: +49-6251-770-690-0

Web: <http://www.clickplastics.com>

供货地区: Germany

**Osterman & Company**

电话: 800-914-4437

Web: <http://www.osterman-co.com/>

供货地区: North America



**PolySource**

电话: 866-558-5300

Web: <http://www.polysource.net/>

供货地区: North America

**QTM**

电话: 714-575-5000

Web: <https://www.qtmi.com/>

供货地区: North America

