

## Technical Data

### Product Description

TOTAL Polypropylene PPC 1640	<p>Polypropylene PPC 1640 is a nucleated heterophasic (block) copolymer with a Melt Flow Index of 0.3 g/10'. This resin has a long-term heat stabilization package. It exhibits high stiffness in combination with outstanding impact strength even at very low temperatures.</p> <p>Polypropylene PPC 1640 has been specifically developed for the extrusion of non-pressure pipes. Other applications include sheet and blow molding.</p>
TAIRIPRO® B8001	<p>Extrusion</p> <p>CHARACTERISTICS: Excellent impact strength, Excellent resistance to low temp., Brittleness, Good luster</p>
Moplen EP332K	<p>Moplen EP332K is a polypropylene impact copolymer with an optimized balance of stiffness and toughness, high impact strength at low temperature, low warpage and good thermal ageing stability. Typical customer applications are injection molding of toys, crates, appliances housing, and general housewares.</p>
Globalene® 7633-3	<p>Globalene® 7633-3 是一种聚丙烯扩冲击共聚物(PP Impact Copoly)材料,。该产品在北美洲或亚太地区有供货,加工方式为:吹塑成型、管路挤出成型、片材挤出成型或注射成型。</p> <p>Globalene® 7633-3 的主要特性有:</p> <ul style="list-style-type: none"> <li>• 共聚物</li> <li>• 加工性能良好</li> <li>• 耐冲击</li> <li>• 耐热</li> </ul> <p>典型应用领域包括:</p> <ul style="list-style-type: none"> <li>• 薄板</li> <li>• 家具</li> <li>• 瓶子</li> <li>• 汽车行业</li> <li>• 容器</li> </ul>
Globalene® 7633	<p>Globalene® 7633 是一种聚丙烯扩冲击共聚物(PP Impact Copoly)材料,。该产品在北美洲或亚太地区有供货,加工方式为:吹塑成型、管路挤出成型、片材挤出成型或注射成型。</p> <p>Globalene® 7633 的主要特性有:</p> <ul style="list-style-type: none"> <li>• 共聚物</li> <li>• 加工性能良好</li> <li>• 耐冲击</li> <li>• 耐热</li> </ul> <p>典型应用领域包括:</p> <ul style="list-style-type: none"> <li>• 薄板</li> <li>• 家具</li> </ul>



- 瓶子
- 汽车行业
- 容器

General	TOTAL Polypropylene PPC 1640	TAIRIPRO® B8001	Moplen EP332K	Globalene® 7633-3	Globalene® 7633
Manufacturer / Supplier	• TOTAL Refining & Chemicals	• Formosa Chemicals & Fibre Corporation	• LyondellBasell Industries	• Lee Chang Yung Chemical Industry Corp.	• Lee Chang Yung Chemical Industry Corp.
Generic Symbol	• 抗撞击 PP 均聚物	• 抗撞击 PP 均聚物	• 抗撞击 PP 均聚物	• 抗撞击 PP 均聚物	• 抗撞击 PP 均聚物
Material Status	• 已商用：当前有效	• 已商用：当前有效	• 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>	• Technical Datasheet (English)	• Processing (English) • Technical Datasheet (English)	• Processing - Extrusion (English) • Processing - Injection Molding (English) • Processing - Mold Shrink (English) • Technical Datasheet (English)	• Technical Datasheet (English)	• Technical Datasheet (English)
UL 黄卡 <sup>2</sup>	--	--	• E31765-100687820	--	• E85783-251836
搜索 UL 黄卡	• TOTAL Refining & Chemicals	• Formosa Chemicals & Fibre Corporation • TAIRIPRO®	• LyondellBasell Industries • Moplen	• Lee Chang Yung Chemical Industry Corp. • Globalene®	• Lee Chang Yung Chemical Industry Corp. • Globalene®
Availability	• 欧洲	• 北美洲 • 欧洲 • 亚太地区	• 非洲和中东 • 亚太地区	• 北美洲 • 亚太地区	• 北美洲 • 亚太地区
Additive	• 成核剂 • 热稳定剂	--	--	--	--
Features	• Block Copolymer • 成核的 • 高刚性 • 抗冲共聚物 • 良好抗撞击性 • 耐低温冲击 • 热稳定性	• 高抗撞击性 • 抗冲共聚物 • 耐低温	• Good Heat Resistance • 低翘曲性 • 高刚性 • 高抗撞击性 • 抗冲共聚物 • 良好的耐热老化性能 • 良好刚性 • 良好抗撞击性 • 耐低温冲击 • 韧性良好	• 抗冲共聚物 • 良好的成型性能 • 良好的耐热老化性能 • 耐低温冲击	• 抗冲共聚物 • 良好的成型性能 • 良好的耐热老化性能 • 耐低温冲击



General	TOTAL Polypropylene PPC 1640	TAIRIPRO® B8001	Moplen EP332K	Globalene® 7633-3	Globalene® 7633
Uses	<ul style="list-style-type: none"> <li>吹塑成型应用</li> <li>管道系统</li> <li>片材</li> </ul>	--	<ul style="list-style-type: none"> <li>电气/电子应用领域</li> <li>电器用具</li> <li>家用货品</li> <li>容器</li> <li>体育用品</li> <li>外壳</li> <li>玩具</li> <li>消费品应用领域</li> <li>装货箱</li> </ul>	<ul style="list-style-type: none"> <li>管道系统</li> <li>家具</li> <li>片材</li> <li>瓶子</li> <li>汽车领域的应用</li> <li>装货箱</li> </ul>	<ul style="list-style-type: none"> <li>管道系统</li> <li>家具</li> <li>片材</li> <li>瓶子</li> <li>汽车领域的应用</li> <li>装货箱</li> </ul>
Agency Ratings	<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 Compliance	<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 File Number	--	<ul style="list-style-type: none"> <li>E162823</li> </ul>	--	--	--
Forms	<ul style="list-style-type: none"> <li>粒子</li> </ul>	--	--	<ul style="list-style-type: none"> <li>粒子</li> </ul>	<ul style="list-style-type: none"> <li>粒子</li> </ul>
Processing Method	<ul style="list-style-type: none"> <li>吹塑成型</li> <li>管路挤出成型</li> <li>挤出</li> <li>片材挤出成型</li> </ul>	<ul style="list-style-type: none"> <li>吹塑成型</li> <li>挤出</li> </ul>	<ul style="list-style-type: none"> <li>注射成型</li> </ul>	<ul style="list-style-type: none"> <li>吹塑成型</li> <li>管路挤出成型</li> <li>片材挤出成型</li> <li>注射成型</li> </ul>	<ul style="list-style-type: none"> <li>吹塑成型</li> <li>管路挤出成型</li> <li>片材挤出成型</li> <li>注射成型</li> </ul>

Physical	TOTAL Polypropylene PPC 1640	TAIRIPRO® B8001	Moplen EP332K	Globalene® 7633-3	Globalene® 7633	单位制	测试方法
Density / Specific Gravity	--	0.898	0.900	0.897	0.898	g/cm³	ASTM D792
	0.905	--	--	--	--	g/cm³	ISO 1183
Apparent (Bulk) Density	0.53	--	--	--	--	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)							
230°C/2.16 kg	--	0.30	5.0	3.0	2.0	g/10 min	ASTM D1238
230°C/2.16 kg	0.30	--	--	--	--	g/10 min	ISO 1133
Molding Shrinkage - 流动							
--	--	--	--	1.5	1.4	%	ASTM D955
23°C	--	1.5 到 1.9	--	--	--	%	Internal Method

Mechanical	TOTAL Polypropylene PPC 1640	TAIRIPRO® B8001	Moplen EP332K	Globalene® 7633-3	Globalene® 7633	单位制	测试方法
Tensile Modulus	1340	--	--	--	--	MPa	ISO 527-2



Mechanical	TOTAL Polypropylene PPC 1640	TAIRIPRO® B8001	Moplen EP332K	Globalene® 7633-3	Globalene® 7633	单位制	测试方法
Tensile Strength							
屈服	--	--	25.0	25.5	26.5	MPa	ASTM D638
屈服, 23°C	--	26.0	--	--	--	MPa	ASTM D638
屈服	28.0	--	--	--	--	MPa	ISO 527-2
Tensile Elongation							
屈服	--	--	9.0	6.0	7.0	%	ASTM D638
屈服	9.0	--	--	--	--	%	ISO 527-2
断裂	--	--	--	150	170	%	ASTM D638
断裂, 23°C	--	> 200	--	--	--	%	ASTM D638
Flexural Modulus							
--	--	--	1150	1270	1320	MPa	ASTM D790
23°C	--	1080	--	--	--	MPa	ASTM D790A
--	1350	--	--	--	--	MPa	ISO 178
Impact	TOTAL Polypropylene PPC 1640	TAIRIPRO® B8001	Moplen EP332K	Globalene® 7633-3	Globalene® 7633	单位制	测试方法
Charpy Notched Impact Strength							ISO 179
-20°C	8.0	--	--	--	--	kJ/m²	
23°C	> 80	--	--	--	--	kJ/m²	
Notched Izod Impact							
-20°C	--	--	--	58	58	J/m	ASTM D256
-20°C, 3.18 mm	--	110	--	--	--	J/m	ASTM D256
23°C	--	--	150	190	200	J/m	ASTM D256
23°C, 3.18 mm	--	780	--	--	--	J/m	ASTM D256
-20°C	8.0	--	--	--	--	kJ/m²	ISO 180
23°C	> 80	--	--	--	--	kJ/m²	ISO 180
Hardness	TOTAL Polypropylene PPC 1640	TAIRIPRO® B8001	Moplen EP332K	Globalene® 7633-3	Globalene® 7633	单位制	测试方法
Rockwell Hardness							ASTM D785
R 级	--	--	--	78	82		
R 级, 23°C	--	80	--	--	--		



Thermal	TOTAL Polypropylene PPC 1640	TAIRIPRO® B8001	Moplen EP332K	Globalene® 7633-3	Globalene® 7633	单位制	测试方法
Deflection Temperature Under Load							ASTM D648
0.45 MPa, 未退火	--	--	88.0	--	--	°C	
1.8 MPa, 未退火, 6.35 mm	--	105	--	--	--	°C	
Melting Temperature (DSC)	165	--	--	--	--	°C	ISO 3146
Additional Information	TOTAL Polypropylene PPC 1640	TAIRIPRO® B8001	Moplen EP332K	Globalene® 7633-3	Globalene® 7633	单位制	测试方法
Drop Weight Impact Strength (-29°C)	--	--	--	31.2	29.8	J	Internal Method
Heat Deflection Temperature	--	--	--	94	97	°C	ASTM D648
Extrusion	TOTAL Polypropylene PPC 1640	TAIRIPRO® B8001	Moplen EP332K	Globalene® 7633-3	Globalene® 7633	单位制	
Melt Temperature	--	200 到 230	--	--	--	°C	
Die Temperature	--	190 到 210	--	--	--	°C	

**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料。

<sup>2</sup> UL 黄卡含有 UL 验证的易燃性和电气特性。UL Prospector 持续努力在 Prospector 中将黄卡链接至单个塑料材料，然而此列表可能未包括所有相应链接。重要的是，我们对 Prospector 中找到的这些黄卡和塑料材料之间的关联进行验证。如需完整的黄卡列表，请访问 UL 黄卡搜索。

<sup>3</sup> 一般属性：这些不能被视为规格。



## 购买地点

供应商	
TOTAL Polypropylene PPC 1640	<b>TOTAL Refining &amp; Chemicals</b> Houston, TX USA 电话: 713-483-5000 Web: <a href="http://www.totalrefiningchemicals.com/">http://www.totalrefiningchemicals.com/</a>
TAIRIPRO® B8001	<b>Formosa Chemicals &amp; Fibre Corporation</b> Taipei, Taiwan 电话: +886-2-2712-2211 Web: <a href="http://en.fcfc-plastics.com/">http://en.fcfc-plastics.com/</a>
Moplen EP332K	<b>LyondellBasell Industries</b> Wilmington, DE USA 电话: 713-309-7200 Web: <a href="https://www.lyondellbasell.com/">https://www.lyondellbasell.com/</a>
Globalene® 7633-3	<b>Lee Chang Yung Chemical Industry Corp.</b> Taipei, Taiwan 电话: +886-2-2528-8895 Web: <a href="http://www.lcygroup.com">http://www.lcygroup.com</a>
Globalene® 7633	<b>Lee Chang Yung Chemical Industry Corp.</b> Taipei, Taiwan 电话: +886-2-2528-8895 Web: <a href="http://www.lcygroup.com">http://www.lcygroup.com</a>



## 分销商

TOTAL Polypropylene PPC 1640

**Plastribution**

电话: +44-845-345-4560  
 Web: <http://www.plastribution.co.uk/>  
 供货地区: United Kingdom

**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: Europe

**SNETOR Distribution**

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

电话: +33-1-4904-8888  
 Web: <http://www.snetor.com/>  
 供货地区: France

**Telko Oy**

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

电话: +358-9-5211  
 Web: <http://www.telko.com/>  
 供货地区: Denmark, Estonia, Finland, Latvia, Lithuania, Norway, Russian Federation, Sweden

**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

TAIRIPRO® B8001

**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



**Resinal de México**  
电话: +52-55-5254-7600  
Web: <http://resinal.mx/>  
供货地区: Mexico

Moplen EP332K

**ALBIS Plastic**  
*ALBIS Plastic is a global distribution and compounding company. Contact ALBIS Plastic for availability of individual products per country.*  
电话: +49-40-78105-0  
Web: <http://www.albis.com/>  
供货地区: Algeria, Austria, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Morocco, Netherlands, Norway, Poland, Portugal, Romania, Russian Federation, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tunisia, Turkey, United Kingdom

Globalene® 7633-3

请联系供应商以便为 Globalene® 7633-3 查找分销商

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