

Technical Data

产品说明

TOTAL PETROCHEMICALS Polypropylene PPH 9081
 Polypropylene PPH 9081 is a controlled-rheology homopolymer with a Melt Flow Index of 25 g/10 min. Polypropylene PPH 9081 is characterized by a narrow molecular weight distribution and excellent flow properties, providing improved impact resistance and very low warpage for injection. It is particularly designed for the injection moulding of thin walled articles and has good hinge properties.

总体	TOTAL PETROCHEMICALS Polypropylene PPH 9081	TAIRIPRO K1023	Globalene PT231
生产商/供应商	• TOTAL PETROCHEMICALS	• Formosa Plastics Corporation	• Lee Chang Yung Chemical Industry Corp.
定属记号	• PP均聚物	• PP均聚物	• 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 ¹	<ul style="list-style-type: none"> • Processing - Injection (English) • Technical Datasheet (English) 	<ul style="list-style-type: none"> • Processing (English) • Technical Datasheet (English) 	• Technical Datasheet (English)
UL 黄卡 ²	--	• E162823-224735	--
搜索 UL 黄卡	• TOTAL PETROCHEMICALS	<ul style="list-style-type: none"> • Formosa Plastics Corporation • TAIRIPRO 	• Globalene
供货地区	• 欧洲	<ul style="list-style-type: none"> • 北美洲 • 欧洲 • 亚太地区 	<ul style="list-style-type: none"> • 北美洲 • 亚太地区
性能特点	<ul style="list-style-type: none"> • 低翘曲性 • 抗撞击性，良好 • 可控流变 • 良好的流动性 • 窄分子量分布 	<ul style="list-style-type: none"> • 均聚物 • 流动性高 • 韧性良好 • 一般目的 	<ul style="list-style-type: none"> • 均聚物 • 良好的成型性能 • 流动性高 • 食品接触的合规性
用途	• 薄壁部件	<ul style="list-style-type: none"> • 薄壁部件 • 家用货品 • 玩具 	<ul style="list-style-type: none"> • 薄壁部件 • 电器用具 • 家用货品 • 食品容器 • 玩具
机构评级	• EC 1907/2006 (REACH)	• FDA 21 CFR 177.1520	<ul style="list-style-type: none"> • FDA 21 CFR 177.1520(a) 1 (i) • FDA 21 CFR 177.1520(b) • FDA 21 CFR 177.1520(c) 1.1a
RoHS 合规性	• RoHS 合规	--	--
UL 档案号	--	• E162823	--
形式	• 颗粒料	--	• 颗粒料
加工方法	• 注射成型	• 注射成型	• 注射成型



物理性能	TOTAL PETROCHEMICALS Polypropylene PPH 9081	TAIRIPRO K1023	Globalene PT231	单位制	测试方法
比重	--	0.900	0.903	g/cm ³	ASTM D792
--	0.905	--	--	g/cm ³	ISO 1183
表观密度	0.53	--	--	g/cm ³	ISO 60
熔流率					
230°C/2.16 kg	--	25	26	g/10 min	ASTM D1238
230°C/2.16 kg	25	--	--	g/10 min	ISO 1133
收缩率 - 流动					
--	--	--	1.2	%	ASTM D955
23°C	--	1.4 到 1.8	--	%	Internal Method
机械性能	TOTAL PETROCHEMICALS Polypropylene PPH 9081	TAIRIPRO K1023	Globalene PT231	单位制	测试方法
拉伸模量	1350	--	--	MPa	ISO 527-2
抗张强度					
屈服	--	--	34.3	MPa	ASTM D638
屈服, 23°C	--	33.3	--	MPa	ASTM D638
屈服	30.0	--	--	MPa	ISO 527-2
伸长率					
屈服	--	--	9.0	%	ASTM D638
屈服, 23°C	--	> 200	--	%	ASTM D638
屈服	10	--	--	%	ISO 527-2
弯曲模量					
--	--	--	1570	MPa	ASTM D790
23°C	--	1370	--	MPa	ASTM D790A
--	1250	--	--	MPa	ISO 178
冲击性能	TOTAL PETROCHEMICALS Polypropylene PPH 9081	TAIRIPRO K1023	Globalene PT231	单位制	测试方法
简支梁缺口冲击强度 (23°C)	4.0	--	--	kJ/m ²	ISO 179
悬壁梁缺口冲击强度					
23°C	--	--	21	J/m	ASTM D256
23°C	3.5	--	--	kJ/m ²	ISO 180
无缺口悬臂梁冲击 (23°C, 3.18 mm)	--	27	--	J/m	ASTM D256



硬度	TOTAL PETROCHEMICALS Polypropylene PPH 9081	TAIRIPRO K1023	Globalene PT231	单位制	测试方法
洛氏硬度					
R 计秤	--	--	101		ASTM D785
R 计秤, 23°C	--	100	--		ASTM D785
R 计秤	92	--	--		ISO 2039-2

热性能	TOTAL PETROCHEMICALS Polypropylene PPH 9081	TAIRIPRO K1023	Globalene PT231	单位制	测试方法
热变形温度					
0.45 MPa, 未退火	--	--	103	°C	ASTM D648
0.45 MPa, 未退火, 6.35 mm	--	110	--	°C	ASTM D648
0.45 MPa, 未退火	95.0	--	--	°C	ISO 75-2/B
1.8 MPa, 未退火	52.0	--	--	°C	ISO 75-2/A
维卡软化温度					
--	148	--	--	°C	ISO 306/A50
--	80.0	--	--	°C	ISO 306/B50
熔融温度 (DSC)	165	--	--	°C	ISO 3146

可燃性	TOTAL PETROCHEMICALS Polypropylene PPH 9081	TAIRIPRO K1023	Globalene PT231	单位制	测试方法
UL 阻燃等级 (1.50 mm, All Colors)	--	HB	--		UL 94

注射	TOTAL PETROCHEMICALS Polypropylene PPH 9081	TAIRIPRO K1023	Globalene PT231	单位制
模具温度	--	30.0 到 50.0	--	°C
注塑温度	--	7.85 到 11.8	--	MPa

注射说明
TAIRIPRO K1023 Screw Temp 200-290°C

备注

- 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。
- UL 黄卡含有 UL 验证的易燃性和电气特性。UL IDES 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。
- 一般属性：这些不能被视为规格。



购买地点

供应商

TOTAL PETROCHEMICALS Polypropylene PPH 9081	TOTAL PETROCHEMICALS Houston, TX USA 电话: 713-483-5000 Web: http://www.totalpetrochemicals.biz/
TAIRIPRO K1023	Formosa Plastics Corporation Taipei, Taiwan 电话: +886-2-2712-2211 Web: http://www.fpc.com.tw/
Globalene PT231	Lee Chang Yung Chemical Industry Corp. Taipei, Taiwan 电话: 886-2-25288895 Web: http://www.lcygroup.com

分销商

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TAIRIPRO K1023	请联系供应商以便为 TAIRIPRO K1023 查找分销商
Globalene PT231	请联系供应商以便为 Globalene PT231 查找分销商



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– Kevin Chase, Owner & President, Chase Plastics





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