

海洋污染

OCEAN POLLUTION

海洋污染 (Ocean Pollution) 是指人类改变了海洋原来的状态,使海洋生态系统遭到破坏。海洋污染的特点是:污染源多、持续性强、扩散范围广、难以控制,所以Ocean Pollution它是一个世界性的问题;

海滩上垃圾的平均个数为0.80个/百平方米,其中塑料类垃圾最多,占66%,海底垃圾的平均个数为0.04个/百平方米,数量占比最大的仍然是塑料垃圾,占41%,因此塑料垃圾是海洋最大的污染源;



海洋塑料宪章

OCEAN PLASTICS CHARTER

为保护海洋生态环境,“海洋塑料宪章”诞生。2018年6月9日,七国集团的五大成员国采纳了《海洋塑料宪章(Ocean Plastics Charter)》,海洋垃圾、回收利用和更环保的塑料制品在宪章中得到了极大的关注。



2018年6月9日,加拿大、法国、德国、意大利、英国和欧盟在七国集团(G7)峰会期间签署了《海洋塑料宪章》(Ocean Plastics Charter) 这是一份不具有法律约束力的文件,宪章内容包括承诺到2030年,对至少55%的塑料包装进行回收和再利用,并在2040年之前回收全部塑料。

The charter includes the recycle and reuse rate of plastics packaging will be at least 55% by 2030 and 100% by 2040.

www.StarPlastics.com

发展塑料要重视回收问题

PAY ATTENTION TO RECYCLING

在环保呼声一浪高过一浪,塑料、电子垃圾等产生的环境污染越来越成为公众关注焦点的今天,如果不能处理好塑料回收问题将对整个塑料产业发展产生根本性的负面影响。要达到所规定的回收率,必须靠多方面的努力:首先生产厂商在产品开发时就要充分考虑其可回收性,再从政策入手,加大回收监管力度。

As enviromental organization is advocating how recycle plastics and reuse can help us to minimize the pollution, plastics manufacturres have to consider the plastics essential recyclability, along with policy execution, to extend the overall sustainability

海洋塑料回收

Ocean Bound Plastics Recycled

(OBP)

Sales@starplasticssh.com

联系我们了解更多关于海洋塑料回收



产品案例

相关资质认证

CERTIFICATION



UL2809,再生料含量验证可以对产品中的消费后、消费前、闭环回收或再生料总含量进行第三方验证,以证明产品如宣称那样环保。

UL2809 Recycled Materials Verification allows third party verification of the total amount of post-consumption, pre-consumption, closed-loop recycling or recycled material in a product to prove that the product is as environmentally friendly as claimed.

Plastic Recycling Technology

We have highly technical equipment that allows us to precisely control material composition and features, weight restrictions, compound and support your applications. For applications as it performs, we are capable of color control, odor control, and consistent color, process and performance over a lifetime. Finally, we also offer application assistance through design, molding, and total quality service support.

INTRODUCTION

STAR-755e
OBP+PCR
PCABS+FR



材料	OBP+PCR-PC+ABS+TALC	
产品名称	笔记本电脑外壳 Notebook Case	
材料性能	阻燃、高模量、流动性、耐高温、尺寸稳定性 FR, High Modulus, Melt Flow, Temperature Resistance, Size Stability	

Typical Material Properties			
Physical	Nominal Values (English)	Test	
Specific Gravity	1.22 g/cm ³	ASTM D792	
Melt Flow (260 °C/2.16 kg.)	15.0 g/10 min	ASTM D1238	
Mechanical			
Tensile Strength @ Yield	56 MPa	ASTM D638	
Tensile Strength @ Break	48 MPa	ASTM D638	
% Elongation @ Break	41 %	ASTM D638	
Flexural Modulus	2054 MPa	ASTM D790	
Flexural Strength @ Yield	92 MPa	ASTM D790	
Impact			
Notched Izod Impact (23°C, 3.2mm un-notched)	450 J/m	ASTM D256	
ThermalDUL @ 260 psi un-notched	85 °C	ASTM D648	
Mold Shrinkage			
Linear Flow	0.4% - 0.6%	ASTM D955	
UL Rating	V0 (0.8mm)	UL 94	
RoHS Compliant	Pass		

INTRODUCTION

STAR-555e
OBP+PCR
PCABS+FR



材料	OBP+PCR-PC+ABS+TALC	
产品名称	笔记本电脑壳 Notebook Case	
材料性能	阻燃、高模量、流动性、耐高温、尺寸稳定性 FR, High Modulus, Melt Flow, Temperature Resistance, Size Stability	

Typical Material Properties			
Physical	Nominal Values (English)	Test	
Specific Gravity	1.2 g/cm ³	ASTM D792	
Melt Flow (260 °C/2.16 kg.)	14.4 g/10 min	ASTM D1238	
Mechanical			
Tensile Strength @ Yield	57 MPa	ASTM D638	
Tensile Strength @ Break	47 MPa	ASTM D638	
% Elongation @ Break	38 %	ASTM D638	
Flexural Modulus	2054 MPa	ASTM D790	
Flexural Strength @ Yield	86 MPa	ASTM D790	
Impact			
Charpy Impact notched (CVN)	7.8 KJ/m ²	ISO 179	
ThermalDUL @ 260 psi un-notched	88 °C	ASTM D648	
Mold Shrinkage			
Linear Flow	0.2% - 0.4%	ASTM D955	
UL Rating	V0 (1.0mm)	UL 94	
RoHS Compliant	Pass		

INTRODUCTION

STAR-476e
ITE+PCR
PCABS+FR



材料	STAR-476e PC+PE-PC+ABS	
产品名称	AIO一体机外壳	
材料性能	FR, 流动性、耐高温、尺寸稳定性 FR, Melt Flow, Temperature Resistance, Size Stability	

Typical Material Properties			
Physical	Nominal Values (English)	Test	
Specific Gravity	1.19 g/cm ³	ISO 1135	
Melt Flow (260 °C/2.16 kg.)	23 g/10 min	ISO 1135	
Mechanical			
Tensile Strength @ Yield	51 MPa	ISO 527	
Tensile Strength @ Break	47 MPa	ISO 527	
% Elongation @ Yield	35 %	ISO 527	
% Elongation @ Break	52 %	ISO 527	
Flexural Modulus	2100 MPa	ISO 178	
Flexural Strength @ Yield	83 MPa	ISO 178	
Impact			
Notched Izod Impact (23°C, 3.18mm)	435 J/m	ISO 180	
ThermalDUL @ 1.0MPa 3.175mm un-notched	88 °C	ISO 75	
Mold Shrinkage			
Linear Flow	0.4% - 0.6%	ASTM D955	
UL Rating	HB (0.8mm)	UL 94	
RoHS Compliant	Pass		

材料	ITE-PC+ABS+TALC	
产品名称	笔记本电脑外壳 Notebook Case	
材料性能	阻燃、高模量、流动性、耐高温、尺寸稳定性 FR, High Modulus, Melt Flow, High Temperature Resistance, Size Stability	

材料	ITE-PC+ABS+TALC	
产品名称	主机面板 Dashboard	
材料性能	阻燃、高模量、流动性、耐高温、尺寸稳定性 FR, High Modulus, Melt Flow, High Temperature Resistance, Size Stability	

材料	OBP+PCR-PC+ABS	
产品名称	AIO一体机外壳	
材料性能	阻燃、流动性、耐高温、尺寸稳定性 FR, Melt Flow, Temperature Resistance, Size Stability	

POSSIBILITY

