



# 产品规格书

## Product Datasheet

产品名称 Description	PS 乳白扩散板 PS Diffuser	
产品编号 Model No.	JK-72	
版本号 Version #	00	
江门市坤鑫新材料科技有限公司 Jiangmen Kunxin New Material Technology CO.,LTD <a href="http://www.chinaacrylicsheet.com">www.chinaacrylicsheet.com</a>		
制定 Originator	审核 Checked by	批准 Approved by



## 1. 产品描述 Product Description

**PS** 扩散板，板材双面磨砂，板材以光学级 PS 颗粒为基材，采用先进的光学设计及扩散材料，经过科学配方加工，使光线在化学颗粒和树脂之间不断折射、反射和散射，让光源柔和的表达出来的效果，适用于 LED 面板灯和筒灯。

PS Diffuser, both sides is matted texture; The panel is produced with Optical grade PS as the raw material, used the advanced optical design and diffusion materials, scientific formula processing, then the light can refraction, refraction and scattering in the chemistry particles and resin continuously. The panel makes the light source comes into soft effective, is suitable for LED panel luminaires and Recessed luminaires.



## 2. 产品简图 Product Photograph:



### 3. 产品组成 Product Ingredient:

产品成份 Ingredients:
1. 聚苯乙烯 (PS), 扩散剂(Diffusant)
2. PE 保护膜保护(PE protection film)



#### 4. 产品性能 Characteristics

##### 1) 产品材料特性 Material characteristics

项目 Item	试验法 Test Method	单位 Unit	PS 板 PS Sheet
透光率 transmission rate	透光仪 Transmissometer	%	70-74%
雾度 Haze	透光仪 Transmissometer	%	92-93%
吸水率 water adsorption	ASTM D570-98	%	<0.1
热变形温度 distortion temperature	ASTM D648-07	°C	75
维卡软化温度 vicat softening temperature	ASTM D1525-09	°C	98
拉伸断裂强度 Tensile broken Strength	GB/T 1040	Mpa	47
弯曲强度 Flexural Strength	ASTMD790	Mpa	85
洛氏硬度 (HRR)	ASTM D785-08	-	97
燃烧性 flammability	UL 94-1996		可燃性 flammability

##### 2) 结构尺寸 Dimension

尺寸 Dimension (L×W×T)		
长 (L)	宽 (W)	厚 (T)
1200mm	1200mm	0.7/0.8/0.9/1.0/1.2/1.5/2.0..mm
注：可根据客户不同模具需求，开好需要尺寸。 Note: according to customer demand for different mold, build the required size		