

## Technical Data Sheet

## 技术数据表

## ZL-H3591 (Styrene-Butadiene Block Copolymer 苯乙烯-丁二烯嵌段共聚物)

| Features/特性:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Typical Application/常规应用:                                                                                                                    |                        |             |                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------|---------------------|
| ◆Linear block copolymer<br>线型嵌段共聚物<br>◆High strength<br>高强度<br>◆High tensile strength<br>高拉伸强度<br>◆Recycling & Processing<br>可回收再加工<br>◆Safety & Environmental Protection<br>安全环保                                                                                                                                                                                                                                                                                                                                        | ◆Asphalt modification<br>沥青改性<br>◆Plastic modification<br>塑料改性<br>◆Mechanical parts<br>机械零部件<br>◆Waterproof roll<br>防水卷材<br>◆Adhesive<br>胶粘剂 |                        |             |                     |
| Typical Properties<br>一般性质                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Unit<br>单位                                                                                                                                   | Typical Value<br>典型值   | Range<br>范围 | Test Method<br>测试方法 |
| SM/ BD Ratio 苯乙烯/丁二烯质量比率                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | /                                                                                                                                            | 30:70                  | /           | GB/T 30914-2014     |
| Specific Gravity 比重                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | g/cc                                                                                                                                         | 0.94                   | /           | GB/T 1033-2010      |
| Volatile Matter 挥发份                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | wt%                                                                                                                                          | 0.20                   | ≤0.50       | GB/T 24131-2018     |
| Ash Content 灰份                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | wt%                                                                                                                                          | 0.15                   | ≤0.50       | GB/T 9345-2008      |
| Toluene Solution Viscosity 甲苯溶液粘度(25°C, 20wt%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | mPa·s                                                                                                                                        | 1950                   | 1700-2300   | GB/T 2794-2013      |
| Hardness 硬度                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Shore A                                                                                                                                      | 76                     | ≥70         | GB/T 531-2008       |
| Form 外观                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | /                                                                                                                                            | Puffy Particle<br>蓬松颗粒 | /           | Visualization 目测    |
| Product liability information 产品责任信息                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                              |                        |             |                     |
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## ZL-H3596 (Styrene-Butadiene Block Copolymer 苯乙烯-丁二烯嵌段共聚物)

## Features/特性:

- ◆Linear block copolymer  
线型嵌段共聚物
- ◆High strength and low viscosity  
高强度与低黏度
- ◆High tensile strength  
高拉伸强度
- ◆High transparency  
高透明性
- ◆Recycling & Processing  
可回收再加工
- ◆Safety & Environmental Protection  
安全环保

## Typical Application/常规应用:

- ◆Transparent shoe material  
透明鞋底
- ◆Transparent toy  
透明玩具
- ◆Plastic modification  
塑料改性
- ◆Adhesive  
胶粘剂

## Typical Properties

## 一般性质

## Unit

## 单位

## Typical Value

## 典型值

## Range

## 范围

## Test Method

## 测试方法

SM/ BD Ratio 苯乙烯/丁二烯质量比率

/

40:60

/

GB/T 30914-2014

Specific Gravity 比重

g/cc

0.94

/

GB/T 1033-2010

Volatile Matter 挥发份

wt%

0.20

≤0.50

GB/T 24131-2018

Ash Content 灰份

wt%

0.15

≤0.50

GB/T 9345-2008

Toluene Solution Viscosity 甲苯溶液粘度(25°C, 20wt%)

mPa·s

250

200-300

GB/T 2794-2013

Hardness 硬度

Shore A

93

90-95

GB/T 531-2008

Form 外观

/

Puffy Particle  
蓬松颗粒

/

Visualization 目测

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## 技术数据表

## ZL-H3602 (Styrene-Butadiene Block Copolymer 苯乙烯-丁二烯嵌段共聚物)

## Features/特性:

- ◆Radial block copolymer  
星型嵌段共聚物
- ◆High strength and low viscosity  
高强度与低粘度
- ◆Recycling & Processing  
可回收再加工
- ◆Safety & Environmental Protection  
安全环保

## Typical Application/常规应用:

- ◆Shoe sole  
鞋底
- ◆Plastic modification  
塑料改性
- ◆Adhesive  
胶粘剂

## Typical Properties

## 一般性质

| Typical Properties<br>一般性质                     | Unit<br>单位 | Typical Value<br>典型值   | Range<br>范围 | Test Method<br>测试方法 |
|------------------------------------------------|------------|------------------------|-------------|---------------------|
| SM/ BD Ratio 苯乙烯/丁二烯质量比率                       | /          | 40:60                  | /           | GB/T 30914-2014     |
| Specific Gravity 比重                            | g/cc       | 0.94                   | /           | GB/T 1033-2010      |
| Volatile Matter 挥发份                            | wt%        | 0.20                   | ≤0.50       | GB/T 24131-2018     |
| Ash Content 灰份                                 | wt%        | 0.15                   | ≤0.50       | GB/T 9345-2008      |
| Toluene Solution Viscosity 甲苯溶液粘度(25°C, 20wt%) | mPa·s      | 1150                   | 800-1500    | GB/T 2794-2013      |
| Hardness 硬度                                    | Shore A    | 95                     | ≥70         | GB/T 531-2008       |
| Form 外观                                        | /          | Puffy Particle<br>蓬松颗粒 | /           | Visualization 目测    |

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## 技术数据表

## ZL-H3611 (Styrene-Butadiene Block Copolymer 苯乙烯-丁二烯嵌段共聚物)

## Features/特性:

- ◆ Radial block copolymer  
星型嵌段共聚物
- ◆ High strength  
高强度
- ◆ High tensile strength  
高拉伸强度
- ◆ Recycling & Processing  
可回收再加工
- ◆ Safety & Environmental Protection  
安全环保

## Typical Application/常规应用:

- ◆ Shoe sole  
鞋底
- ◆ Plastic modification  
塑料改性
- ◆ Adhesive  
胶粘剂
- ◆ Asphalt modification  
沥青改性

## Typical Properties

## 一般性质

## Unit

## 单位

## Typical Value

## 典型值

## Range

## 范围

## Test Method

## 测试方法

SM/ BD Ratio 苯乙烯/丁二烯质量比率

/

31:69

/

GB/T 30914-2014

Specific Gravity 比重

g/cc

0.94

/

GB/T 1033-2010

Volatile Matter 挥发份

wt%

0.20

≤0.50

GB/T 24131-2018

Ash Content 灰份

wt%

0.15

≤0.50

GB/T 9345-2008

Toluene Solution Viscosity 甲苯溶液粘度(25°C, 15wt%)

mPa·s

1150

900-1500

GB/T 2794-2013

Hardness 硬度

Shore A

85

≥70

GB/T 531-2008

Form 外观

/

Puffy Particle  
蓬松颗粒

/

Visualization 目测

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