## Eastar EB062

## 共聚多酯

## **Eastman Chemical Company**

# 话:18681139818

Eastar Copolyester EB062 is a resin specifically developed for extrusion blown bottles where aesthetics such as high clarity and gloss, coupled with design flexibility, drive demand. Compared to commonly used materials, Eastar copolyester EB062 runs on most standard processing equipment. Extremely high melt strength makes the resin an excellent choice when manufacturing large bottles.

This product has been GREENGUARD INDOOR AIR QUALITY CERTIFIED®.

The GREENGUARD INDOOR AIR QUALITY CERTIFIED® Mark is a registered certification mark used under license through the GREENGUARD Environmental Institute (GEI). GEI is an industry-independent, non-profit organization that oversees the GREENGUARD Certification Program. The GREENGUARD Certification Program is an industry independent, third-party testing program for low-emitting products and materials for indoor environments. For more information about GEI and to obtain printable certificates for Eastman Copolyesters, visit www.greenguard.org. Choose Eastman Chemical Company under the Manufacturer category and click search to display a list of our products.

This product is certified to NSF/ANSI Standard 51 for Food Equipment Materials.

总体				
材料状态	• 已商用:当前有效			
供货地区	<ul><li>・ 北美洲</li><li>・ 非洲和中东</li></ul>	<ul><li> 拉丁美洲</li><li> 南美洲</li></ul>	<ul><li>欧洲</li><li>亚太地区</li></ul>	
性能特点	<ul><li> 刚性,良好</li><li> 光泽,高</li><li> 抗撞击性,良好</li><li> 良好的熔体强度</li></ul>	<ul><li>良好的柔韧性</li><li>良好的着色性</li><li>耐化学性良好</li><li>清晰度,高</li></ul>	• 韧性良好 • 阻隔树脂	
用途	• 吹塑成型应用 • 个人护理	<ul><li>瓶子</li><li>食品包装</li></ul>		
机构评级	• NSF 51			
形式	• 颗粒料			
加工方法	• 挤出吹塑成型			

#性性能	ilm TIII Jul. Ar.	연ウ <i>店 본 佳</i> 비	2011-4-7->+
收縮率 - 流动     0.30%     ASTM D955       颜色     -0.20       b     0.60       L     95       机械性能     额定值单位制     测试方法       拉伸模量     1900 MPa     ASTM D638       放胀性態     47.0 MPa     ASTM D638       屈服     47.0 MPa     ASTM D638       屈服     48.0 MPa     ASTM D638       画服     5.0%     ASTM D638       画服     5.0%     ASTM D638       画服     1900 MPa     ASTM D790       弯曲通度     65.0 MPa     ASTM D790       李普通通度     65.0 MPa     ASTM D790       产的通路     ASTM D256       -40°C     63 J/m       23°C     无断裂       无缺口急臂梁冲击     ASTM D4218       -40°C     无断裂       交流     无断裂       表了M D3763       本0°C, Energy at Peak Load     39.0 J       0°C, Energy at Peak Load     41.0 J       23°C, Energy at Peak Load	物理性能	额定值单位制	测试方法
顾色 ASTM D2244 a		•	
a -0.20 b 0.60		0.30 %	
b しし     0.60 95       初枝性能     規定値単位制     別式方法       拉伸模量     1900 MPa     ASTM D638       抗张強度     47.0 MPa 48.0 MPa       断裂     48.0 MPa       伸长率     ASTM D638       屈服     5.0 %       断裂     300 %       弯曲模量     1900 MPa     ASTM D790       弯曲視度     65.0 MPa     ASTM D790       冲击性能     第5.0 MPa     ASTM D756       基壁梁缺口冲击强度     63 J/m     ASTM D256       40°C     63 J/m     ASTM D256       23°C     无断裂       表工M D4218     ASTM D4218       40°C     无断裂       23°C     无断裂       装有测量仪表的落镖冲击     ASTM D3763       40°C, Energy at Peak Load     39.0 J       0°C, Energy at Peak Load     31.0 J       0°C, Energy at Peak Load     41.0 J       夜度     類定值单位制     別式方法	颜色		ASTM D2244
L     95       机械性能     初定值单位制     测试方法       拉伸模量     1900 MPa     ASTM D638       抗张强度     47.0 MPa       断裂     47.0 MPa       断裂     48.0 MPa       邮长率     ASTM D638       屈服     5.0 %       断裂     300 %       弯曲模量     1900 MPa     ASTM D790       弯曲模度     65.0 MPa     ASTM D790       产曲性能     物定值单位制     测试方法       基壁梁敏口冲击强度     65.3 J/m     ASTM D256       -40°C     5.0 %     ASTM D256       -40°C     无断裂     ASTM D4218       老有测量仪表的落標冲击     ASTM D4218       -40°C, Energy at Peak Load     39.0 J     ASTM D3763       -40°C, Energy at Peak Load     41.0 J     ASTM D3763       -40°C, Energy at Peak Load     41.0 J     ASTM D3763       -40°C, Energy at Peak Load     41.0 J     ASTM D3763       -40°C, Energy at Peak Load     41.0 J     ASTM D3763       -40°C, Energy at Peak Load     41.0 J     ASTM D3763       -40°C, Energy at Peak Load     41.0 J     ASTM D3763       -40°C, Energy at Peak Load     41.0 J     ASTM D3763       -40°C, Energy at Peak Load     41.0 J     ASTM D3763       -40°C, Energy at Peak Load     41.0 J     ASTM D3763       -4	a		
机械性能     额定值单位制     测试方法       拉伸模量     1900 MPa     ASTM D638       抗张强度     47.0 MPa       断裂     48.0 MPa       伸长率     ASTM D638       屈服     5.0 %       断裂     300 %       弯曲模量     1900 MPa     ASTM D790       弯曲强度     65.0 MPa     ASTM D790       冲击性能     额定值单位制     测试方法       悬壁梁缺口冲击强度     ASTM D256       -40°C     63 J/m       23°C     无断裂       装有测量仪表的落標冲击     ASTM D4218       -40°C, Energy at Peak Load     39.0 J       0°C, Energy at Peak Load     41.0 J       23°C, Energy at Peak Load     41.0 J       33°C, Energy at Peak Load     41.0 J	b	0.60	
拉伸模量     1900 MPa     ASTM D638       抗张强度     ASTM D638       屈服     47.0 MPa       断裂     48.0 MPa       样长率     ASTM D638       屈服     5.0 %       断裂     300 %       弯曲模量     1900 MPa     ASTM D790       弯曲强度     65.0 MPa     ASTM D790       冲击性能     额定值单位制     测试方法       悬壁梁缺口冲击强度     ASTM D256       -40°C     63 J/m       23°C     无断裂       天缺口悬臂梁冲击     ASTM D4218       -40°C     无断裂       交3°C     无断裂       娄有测量仪表的落镖冲击     ASTM D3763       -40°C, Energy at Peak Load     39.0 J       0°C, Energy at Peak Load     41.0 J       23°C, Energy at Peak Load     41.0 J	L		
抗张强度       ASTM D638         屈服       47.0 MPa         断裂       48.0 MPa         伸长率       ASTM D638         屈服       5.0 %         断裂       300 %         弯曲模量       1900 MPa       ASTM D790         弯曲强度       65.0 MPa       ASTM D790         冲击性能       额定值单位制       测试方法         悬壁梁缺口冲击强度       ASTM D256         -40°C       63 J/m       ASTM D256         そ、缺口悬臂梁冲击       ASTM D4218         -40°C       无断裂       ASTM D4218         李有测量仪表的落镖冲击       ASTM D3763         -40°C, Energy at Peak Load       39.0 J         0°C, Energy at Peak Load       41.0 J         23°C, Energy at Peak Load       41.0 J         23°C, Energy at Peak Load       41.0 J         23°C, Energy at Peak Load       41.0 J	机械性能	额定值 单位制	测试方法
田服	拉伸模量	1900 MPa	ASTM D638
断裂     48.0 MPa       伸长率     ASTM D638       屈服     5.0 %       断裂     300 %       弯曲模量     1900 MPa     ASTM D790       弯曲强度     65.0 MPa     ASTM D790       冲击性能     额定值单位制     测试方法       悬壁梁缺口冲击强度     ASTM D256       -40°C     63 J/m     ASTM D256       无断裂     ASTM D4218       -40°C     无断裂       23°C     无断裂       装有测量仪表的落標冲击     ASTM D3763       -40°C, Energy at Peak Load     39.0 J       0°C, Energy at Peak Load     41.0 J       23°C, Energy at Peak Load     41.0 J       交流, Energy at Peak Load     41.0 J       被度     物域方法	抗张强度		ASTM D638
伸长率       ASTM D638         屈服       5.0 %         断裂       300 %         弯曲模量       1900 MPa       ASTM D790         弯曲强度       65.0 MPa       ASTM D790         冲击性能       额定值单位制       测试方法         悬壁梁缺口冲击强度       ASTM D256         -40°C       63 J/m         无断裂       无断裂         无断裂       ASTM D4218         -40°C       无断裂         装有测量仪表的落標冲击       ASTM D3763         -40°C, Energy at Peak Load       39.0 J         0°C, Energy at Peak Load       41.0 J         23°C, Energy at Peak Load       41.0 J         数定值单位制       测试方法	屈服	47.0 MPa	
	断裂	48.0 MPa	
断裂300 %弯曲模量1900 MPaASTM D790弯曲强度65.0 MPaASTM D790冲击性能额定值单位制测试方法悬壁梁缺口冲击强度 -40°C 23°C63 J/m 无断裂ASTM D256无缺口悬臂梁冲击 -40°C 23°C无断裂无缺口悬臂梁冲击 -40°C 23°C无断裂装有测量仪表的落镖冲击 -40°C, Energy at Peak Load 0°C, Energy at Peak Load 23°C, Energy at Peak Load 41.0 JASTM D3763硬度额定值单位制测试方法	伸长率		ASTM D638
弯曲模量1900 MPaASTM D790弯曲强度65.0 MPaASTM D790冲击性能额定值单位制测试方法悬壁梁缺口冲击强度ASTM D256-40°C63 J/m23°C无断裂无缺口悬臂梁冲击ASTM D4218-40°C无断裂23°C无断裂装有测量仪表的落镖冲击ASTM D3763-40°C, Energy at Peak Load39.0 J0°C, Energy at Peak Load41.0 J23°C, Energy at Peak Load41.0 J23°C, Energy at Peak Load41.0 J	屈服	5.0 %	
弯曲强度65.0 MPaASTM D790冲击性能额定值单位制测试方法悬壁梁缺口冲击强度63 J/m-40°C63 J/m无缺口悬臂梁冲击ASTM D4218-40°C无断裂23°C无断裂23°C无断裂装有测量仪表的落镖冲击ASTM D3763-40°C, Energy at Peak Load39.0 J0°C, Energy at Peak Load41.0 J23°C, Energy at Peak Load41.0 J	断裂	300 %	
冲击性能额定值单位制测试方法悬壁梁缺口冲击强度ASTM D256-40°C63 J/m23°C无断裂无缺口悬臂梁冲击ASTM D4218-40°C无断裂23°C无断裂装有测量仪表的落镖冲击ASTM D3763-40°C, Energy at Peak Load39.0 J0°C, Energy at Peak Load41.0 J23°C, Energy at Peak Load41.0 J硬度额定值单位制测试方法	弯曲模量	1900 MPa	ASTM D790
悬壁梁缺口冲击强度ASTM D256-40°C63 J/m23°C无断裂无缺口悬臂梁冲击ASTM D4218-40°C无断裂23°C无断裂装有测量仪表的落镖冲击ASTM D3763-40°C, Energy at Peak Load39.0 J0°C, Energy at Peak Load41.0 J23°C, Energy at Peak Load41.0 J硬度额定值单位制测试方法	弯曲强度	65.0 MPa	ASTM D790
悬壁梁缺口冲击强度ASTM D256-40°C63 J/m23°C无断裂无缺口悬臂梁冲击ASTM D4218-40°C无断裂23°C无断裂装有测量仪表的落镖冲击ASTM D3763-40°C, Energy at Peak Load39.0 J0°C, Energy at Peak Load41.0 J23°C, Energy at Peak Load41.0 J硬度额定值单位制测试方法	冲击性能		测试方法
23°C无断裂无缺口悬臂梁冲击ASTM D4218-40°C无断裂23°C无断裂装有测量仪表的落镖冲击ASTM D3763-40°C, Energy at Peak Load39.0 J0°C, Energy at Peak Load41.0 J23°C, Energy at Peak Load41.0 J硬度额定值单位制测试方法			ASTM D256
无缺口悬臂梁冲击 -40°C 无断裂 23°C 无断裂 装有测量仪表的落镖冲击 ASTM D3763 -40°C, Energy at Peak Load 39.0 J 0°C, Energy at Peak Load 41.0 J 23°C, Energy at Peak Load 41.0 J 硬度 额定值单位制 测试方法	-40°C	63 J/m	
-40°C无断裂23°C无断裂装有测量仪表的落镖冲击ASTM D3763-40°C, Energy at Peak Load39.0 J0°C, Energy at Peak Load41.0 J23°C, Energy at Peak Load41.0 J硬度额定值单位制测试方法	23°C	无断裂	
23°C无断裂装有测量仪表的落镖冲击ASTM D3763-40°C, Energy at Peak Load39.0 J0°C, Energy at Peak Load41.0 J23°C, Energy at Peak Load41.0 J硬度额定值单位制测试方法	无缺口悬臂梁冲击		ASTM D4218
接有测量仪表的落镖冲击 ASTM D3763  -40°C, Energy at Peak Load 39.0 J  0°C, Energy at Peak Load 41.0 J  23°C, Energy at Peak Load 41.0 J  硬度 额定值单位制 测试方法	-40°C	无断裂	
接有测量仪表的落镖冲击 ASTM D3763  -40°C, Energy at Peak Load 39.0 J  0°C, Energy at Peak Load 41.0 J  23°C, Energy at Peak Load 41.0 J  硬度 额定值单位制 测试方法	23°C	无断裂	
-40°C, Energy at Peak Load39.0 J0°C, Energy at Peak Load41.0 J23°C, Energy at Peak Load41.0 J硬度额定值单位制测试方法	装有测量仪表的落镖冲击		ASTM D3763
0°C, Energy at Peak Load41.0 J23°C, Energy at Peak Load41.0 J硬度额定值单位制测试方法		39.0 J	
23°C, Energy at Peak Load41.0 J硬度额定值单位制测试方法		41.0 J	
硬度 额定值单位制 测试方法	<del></del>		
			测试方法

### Eastar EB062 共聚多酯

## 

## Eastman Chemical Company

热性能	额定值 单位制	测试方法
热变形温度		ASTM D648
0.45 MPa, 未退火	73.0 °C	
1.8 MPa, 未退火	63.0 °C	
维卡软化温度	85.0°C	ASTM D1525
光学性能	额定值 单位制	测试方法
光泽度 (60°)	143	ASTM D2457
透射率		ASTM D1003
常规	87.0 %	
总计	91.0 %	
雾度	1.3 %	ASTM D1003

### 备注

网址:http://www.rjplastics.com 电话:13509239386 Email:tjh@rjplastics.com

<sup>1</sup> 一般属性:这些不能被视为规格。