

<div><div><div></div></div><div><div>Polypropylene</div><div>Daplen™ EE058AI</div><div>Polypropylene TPO Compound</div></div></div>		
<div><div><div>Description描述</div><div>Daplen EE058AI is a mineral filled elastomer modified polypropylene compound intended for injection moulding. Daplen EE058AI是一种用于注射成型的矿物填充弹性体改性聚丙烯化合物。</div><div><div></div><div>This material has an excellent balance between impact strength and stiffness at low density and shows further more excellent surface appearance. 这种材料在低密度下具有良好的冲击强度和刚硬度之间的平衡，并进一步显示出更良好的表面外观。</div></div><div><div>Applications应用</div><div>Daplen EE058AI has been developed especially for the car industry to be used in automotive interior parts. Daplen EE058AI是专门为汽车行业开发应用于汽车内饰件。</div></div></div></div>		
<div>Pillar trims立柱装饰件 Door panels and pockets Dashboards 门板和口袋仪表板</div>	<div>Trunk claddings行李箱外壳 Other automotive interior parts 其他汽车内饰件</div>	
<div>Special Features特殊性质</div>		
<div>Excellent scratch resistance 良好的耐擦伤性 High dimensional stability高范围的稳定性 No tendency to show stickiness after outdoor exposure在户外暴露后无粘性倾向</div>	<div>High purity高纯度 Broad processing window广泛的加工窗口</div>	
<div>Physical Properties物理特性</div>		
Property性质	Typical Value典型值	Test Method测试方式
Data should not be used for specification work数据不用于规范工作		
Density比重	970 kg/m³	ISO 1183
Melt Flow Rate (230 °C/2,16 kg) 熔体流动速率(230°C/2,16 kg)	12 g/10min	ISO 1133
Flexural Modulus (2 mm/min)弯曲模量(2mm /min)	1.600 MPa	ISO 178
Tensile Strength (50 mm/min)抗拉强度(50mm /min)	21 MPa	ISO 527-2
Heat Deflection Temperature B (0,45 MPa) 热变形温度B (0,45 MPa)	94 °C	ISO 75-2
Charpy Impact Strength, notched (-20 °C) 冲击强度，缺口(-20°C)	4 kJ/m²	ISO 179/1eA
Values determined on standard injection moulded specimens conditioned at 23°C and 50% relative humidity after at least 96 hours storage time. 在至少96小时的储存时间后，在23°C和50%相对湿度条件下的标准注射成型上测定的值。		
<div>Application Related and Other Tests应用相关和其他测试</div>		
Property特性	Typical Value典型值	Test Method测试方式
Data should not be used for specification 数据不用于规范工作		
Fogging (100 °C,16 h)雾化(100°C,16 h)	< 1,5 mg	DIN 75201
Emission排放	< 40 µgC/g	VDA 277
<div>Processing Techniques成型技术</div>		
<div><div>The actual conditions will depend on the type of equipment used. 实际情况将取决于使用的设备类型。</div></div>		
<div><div>Injection Moulding注塑成型</div><div>To avoid residual humidity from transport or storage, the material should be pre-dried approximately 2h at 80 °C. This product is easy to process with standard injection moulding machines. Following parameters should be used as guidelines: 为了避免运输或储存时残留的湿度，材料应在80°C下预干燥约2小时。该产品在标准的注塑机下很容易成型。应使用以下参数 指导方针：</div></div>		
Feeding temperature进料温度	40 - 80 °C	
Mass temperature最大温度	220 - 260 °C	
Back pressure背压	Low to medium	
Holding pressure保压	30 - 60 MPa	
Mould temperature模具温度	30 - 50 °C	
Screw speed螺杆速度	Low to medium	
Flow front speed前沿流动速度	100 - 200 mm/s	



Storage存储

**Daplen EE058AI** should be stored in dry conditions at temperatures below 50°C and protected from UV-light. Improper storage can initiate degradation, which results in odour generation and colour changes and can have negative effects on the physical properties of this product.  
**Daplen EE058AI**应储存在温度低于50°C的干燥条件下，并避免紫外线照射。储存不当会引起降解，导致气味产生和颜色变化，对产品的物理性能有负面影响。

Safety安全性

The product is not classified as dangerous.  
Please see our "Safety data sheet" / "Product safety information sheet" for details on various aspects of safety of the product. For more information, contact your Borealis representative.  
该产品不属于危险产品。  
请参阅我们的“安全资料单”/“产品安全资料单”，了解产品安全的各个方面。欲了解更多信息，请联系您的Borealis代表。

Recycling回收

The product is suitable for recycling using modern methods of shredding and cleaning. In-house production waste should be kept clean to facilitate direct recycling. Please see our "Safety data sheet" / "Product safety information sheet" for details on various aspects of recovery and disposal of the product.  
该产品适用于使用现代撕碎和清洗方法回收。内部生产废物应保持清洁，以便直接回收。  
请参阅我们的“安全资料表”/“产品安全资料表”，了解有关回收和处置产品的各个方面的详情。

Regional Availability区域的可用性

Europe  
For information on regional availability please contact Borealis Sales Representative

Disclaimer

**The product(s) mentioned herein are not intended to be used for medical, pharmaceutical or healthcare applications and we do not support their use for such applications.**

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