

EPONE Engineering Plastics

National innovation fund project enterprise

ISO9001:2008 certificated

ISO/TS16949 certificated

ZGDBGLD PA6B15CX-N

产品定义: PA6+GF15%

产品特点: 15%玻璃纤维增强吹塑级尼龙6, 抗冲击性能突出, 熔体强度稳定有利于吹塑成型。

产品应用: 汽车发动机进/排气管等

ZGDBGLD PA6B15CX-N is a 15% glass-fiber reinforced PA6 for blow molding, it provides excellent anti-impact strength, and easy to blow molding due to its stable melt strength.

Product applications: automotive engine intake pipe / exhaust pipe, etc

典型成型条件

typical molding process

干燥 dry	鼓风烘箱(drum wind oven): 100-120°C, 6-8h ; 热风循环(cycling warm air): 100-120°C, 6-8h ; 真空烘箱(vacuum drying oven): 100-120°C, 4-6h
加工温度 processing temperature	入料段(feed section): 215-225°C; 熔融段(compressing section): 230-260°C; 射嘴段(metering section): 200-240°C
背压 back pressure	---
注射压力 injection pressure	---
保压压力 packing pressure	---
模具温度 mold temperature	70-100°C
后处理 post treatment	---
其它 others	---

以上数据仅供参考

All the information provided by EPONE only for reference

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产品性能参数

product performance parameters

性能 (properties)	测试标准 (test standard)	单位 (unit)	数据 (test result)
<b>物理性能 (physical properties)</b>			
密度 density	ISO 1183	g/cm <sup>3</sup>	1.15
熔点 melting temperature	ISO 11357	°C	220
<b>吸湿性 absorption of moisture</b>			
23°C冷水中 24 小时 24 hours in 23°C water	ISO 62	%	---
<b>热变形温度 thermal deformation temperature</b>			
0.45Mpa	ISO 75-2	°C	200
<b>机械性能 (mechanical properties)</b>			
<b>冲击 impact strength</b>			
无缺口冲击强度 non-notched	ISO 179	kJ/M <sup>2</sup>	70
缺口冲击强度 notched	ISO 180	kJ/M <sup>2</sup>	21
<b>拉伸 tensile</b>			
断裂强度 tensile strength	ISO 527-2	MPa	80
断裂伸长率 elongation at break	ISO 527-2	%	20
<b>弯曲 flexural</b>			
断裂强度 flexural strength	ISO 178	MPa	100
弯曲弹性模量 flexural modulus	ISO 178	MPa	3500
<b>硬度 hardness</b>			
洛氏硬度 rockwell hardness	ISO 2039-2	R	107
<b>电气性能 (electrical properties)</b>			
体积电阻率 volume resistivity	IEC 60093	Ω.cm	10 <sup>15</sup>
表面电阻率 surface resistivity	IEC 60093	Ω	10 <sup>13</sup>
介电强度 dielectric strength	IEC 60243	kV/mm	15
<b>燃烧性能 (flammability properties)</b>			
阻燃 flame retardant	UL 94	—	HB

除特别说明外，以上数据均指在环境相对湿度 (RH) =0 及 23°C 条件下测得

以上数据为典型值，仅供参考，不作质量保证之承诺。

All the data above was measured at 23°C and RH=0 unless otherwise stated, all is typical data, only for reference, not the permit of quality assurance.

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