

ECOZEN® YF301 注塑性能

产品名称 : ECOZEN® YF301
 CAS No. 1038843-64.9
 测试结果 请参考以下内容
 测试执行 : SK Chemicals R&D center

性能	测试方法	单位	典型数值
洛氏硬度	ASTM D785	R-scale	119
比重	ASTM D792	-	1.27
吸水率	ASTM D570	%	0.2~0.3

机械性能

拉伸强度 @ 屈服点 50mm/min (2 inch/min)	ASTM D638	kgf/cm ²	520
拉伸强度 @ 断裂点 50mm/min (2 inch/min)	ASTM D638	kgf/cm ²	450
伸长率 @ 屈服点 50mm/min (2 inch/min)	ASTM D638	%	6.8
伸长率 @ 断裂点 50mm/min (2 inch/min)	ASTM D638	%	150
弹性强度 1.27mm/min (0.05 inch/min)	ASTM D790	kgf/cm ²	880
弹性模量 1.27mm/min (0.05 inch/min)	ASTM D790	kgf/cm ²	22,000
Izod 抗冲强度, Notched @ 23 °C(73 °F)	ASTM D256	J/m	No Break

热性能

热变形温度 @ 0.455 MPa(66 psi)	ASTM D648	°C	100
玻璃化转变温度	ASTM D1525	°C	110

光线性能

雾度	ASTM D1003	%	< 1.0
透光率	ASTM D1003	%	88
折射率, n _D	ASTM D542	-	1.56

熔融指数 (MI)

熔融指数 (250 °C)			
@ 2.16 kg	-	-	10.6
@ 10.0 kg			49.8

The data listed here is preliminary data sheet of product. Therefore this sheet should not be used to establish specification limits or used all one as a basis for design. This information is not intended as a warranty of any kind. Customers must make their own representative test and assume all risks of use, whether used alone or in combination with other products. SK Chemicals assumes no obligation or liability of any advice furnished by it or results obtained with respect to these products. All warranties of merchantability for a particular purpose or use are excluded and disclaimed.

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The information in this document is based on our best knowledge, true and accurate as of the date of preparation. The product are based upon 2008 sub 2009 received under laboratory practices supervised and controlled by SK chemicals corporation.