

SKYGREEN PN200 产品物性表

片材物性 (ASTM Method)

性能	Test Method	Unit	Typical Values
物理性能			
比重	ASTM D792	-	1.27
模具收缩率 Parallel to Flow	ASTM D955	%	0.2 – 0.5
吸水率 (24 hr immersion)	ASTM D570	%	0.13
洛氏硬度	ASTM D785	R-scale	105
机械性能			
拉伸强度 @ 屈服点 50mm/min (2 inch/min)	ASTM D638	MPa (kgf/cm ²) Psi	50 (510) 7300
拉伸强度 @ 断裂点 50mm/min (2 inch/min)	ASTM D638	MPa (kgf/cm ²) psi	26 (265) 3800
伸长率 @ 屈服点 50mm/min (2 inch/min)	ASTM D638	%	4.5
伸长率 @ 断裂点 50mm/min (2 inch/min)	ASTM D638	%	120
弹性强度 1.27mm/min (0.05 inch/min)	ASTM D790	MPa (kgf/cm ²) psi	71 (720) 10200
弹性模量 1.27mm/min (0.05 inch/min)	ASTM D790	MPa (kgf/cm ²) psi	2150 (21900) 3x10 ⁵
Izod 抗冲强度, Notched @ 23 °C(73 °F)	ASTM D256	J/m(kgf cm/cm) ft· lbf/in	85 (8.7) 1.5
热学性能			
热变形温度 @ 0.455 MPa(66 psi) @ 1.82 MPa(264 psi)	ASTM D648	° C (°F) ° C (°F)	70(158) 62(143)
光学性能			
雾度	ASTM D1003	%	< 1.0
透光率	ASTM D1003	%	90

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