

TEST CERTIFICATE

FROM :Semitech Materials Company

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GRADE : STL-50N

Specification	Units	Spec.	Measured Values	Test Methods	
Specific Gravity		-	2.16	ASTM D 792	
Hardness	D	-	56 ~ 58	ASTM D 2240	
Melting Point	℃	-	332	DSC	
Average Thickness	μm	50 ± 3	50.0	Micrometer	
Tensile Strength	MD	kgf/cm ²	min. 150	205	ASTM D 1457
	TD		min. 3000	350.0	
Tensile Elongation	MD	%	min. 120	152	ASTM D 1457
	TD		min. 300	360	
Heat Shrinkage	MD	%	-2.5 ± 0.5	-2.4	360℃*2hr
	TD			-2.4	
Guarantee		6 month			

Remark

Measurement Method & Condition

Tensile Strength Crosshead Speed : 100mm/min

Measurement Temperature : 24℃

humidity : 20 ± 5%