

宁波市永博橡塑制品有限公司



胶料性能一览表

Compound Specification List

永升产品号 (Part #) SILICON 607

配方编号 (Compound No.) : YSSIL607

DATE: 01/15/2021

ASTM Specification

Additional Information

Specimen Molding condition:

Test Item	Test method	Unit	Specification	Test result	Note
Density (密度)	ASTM D1250	g/cm ³	1.3	1.3	
Hardness ,Shore A (硬度)	ASTM D2240		60±5	60	
Tensile Strength, (拉伸强度)	ASTM D412	Psi	≥800	1100	
Elongation (延伸率)	ASTM D412	%	≥300	550	
Ozone Resistance (抗臭氧) 7 days @ 100pphm (100F,50%extension)	ASTM D1149		No cracks	PASS	
Low temperature brittleness(-70℃) (低温测试)	ASTM D2137		Pass	PASS	
High temperature brittleness(+230℃) (高温测试)	ASTM D2137		Pass	PASS	
Aged properties (老化性能)	Test method	Unit	Specification		
Heat ageing 28days at 302°F, (150℃) (热空气老化)	ASTM D573				
Shore A Hardness 硬度变化		points	55-80	68	
Tensile Strength, (伸长)		psi	700	950	
Elongation (延伸)		%	250	410	
Tear Die C, ppi (撕裂)		ppi	150	195	
UV testing (紫外线老化) 60℃,200hr,UV wave length,313nm			No Change	PASS	

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