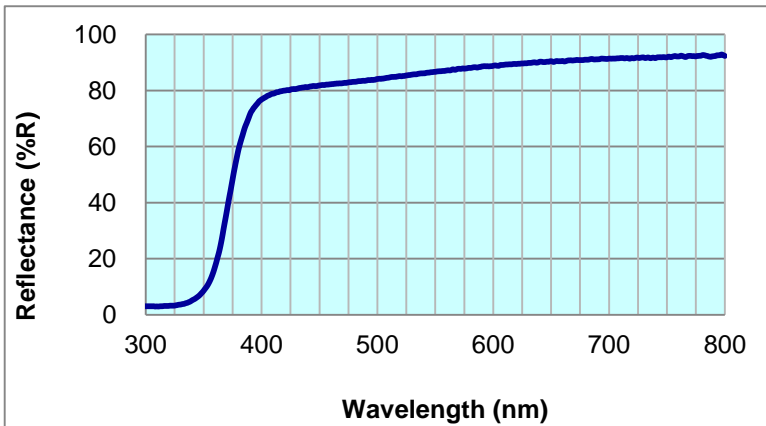


High Reflectance Silicone Rubber SMX-8378-1

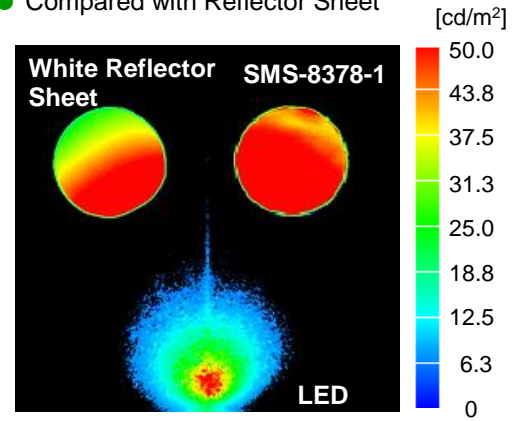
- Reflectance of 90% or more
- Excellent Heat and UV resistance
- UL Flame rating UL94 V-1

Reflectance Properties



U-3310 Spectrophotometer by HITACHI

- Compared with Reflector Sheet



2D Color Analyzer CA-2000 by Konica Minolta

TYPICAL PROPERTIES

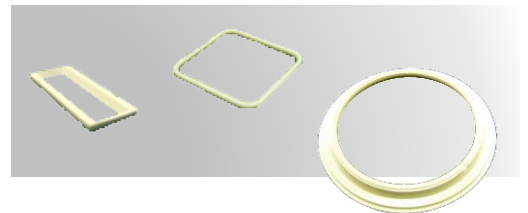
Properties	Unit	SMX-8378-1	Test Method	
Color	-	White	visual	
Specific Gravity	-	1.52	ASTM D 792	
Hardness	Shore A	26	ASTM D 2240	
Tensile Strength	MPa	5.8	ASTM D 412	
Elongation	%	430	ASTM D 412	
Volume Resistivity	MΩ·m	3.0x10 ⁷	ASTM D 257	
Compression set	%	11 (85°C/24hrs)	ASTM D 395	
		24 (150°C/24hrs)		
Thermal Conductivity	W/m·K	0.5	Hot Disk	
Flame Retardant	UL94	more than V-1	Fujipoly Original	
Low-molecular Siloxane	ppm	D3	0.94	Headspace Gas Chromatography
		D4	0.21	
		D5	0.07	
		D6	0.06	

NOTES

• Properties of the products may be revised due to some changes for improving performance. • Properties values in this document are not specification or guaranteed. • This product is made of silicone, and silicone oil may exude from the product. • This product is made of silicone, and low molecular siloxane may vaporize depending on operating conditions. • The product is designed, developed, and manufactured for general industrial use only. Never use for medical, surgical, and/or relating purposes. Never use for the purpose of implantation and/or other purposes by which a part of or whole product remains in human body. • Before using, a safety must be evaluated and verified by the purchaser. • Contents described in the document do not guarantee the performances and qualities required for the purchaser's specific purposes. The purchaser is responsible for pre-testing the product under the purchaser's specific conditions and for verifying the expected performances. • Statements concerning possible or suggested uses made herein may not be relied upon, or be construed, as a guaranty of no patent infringement. • Statements concerning possible or suggested uses made herein may not be relied upon, or be construed, as a guaranty of no patent infringement.

FEATURES

- SMX-8378-1 offers mirror like reflectance
- SMX-8378-1 can be modled into various geometries



- SMX-8378-1 is flexible and pliable making it suitable for irregular or complex topography.

