



Product description	SH0001 is a curing agent for addition cure silicone rubber.
	SH0001A is a platinum catalyst.
	SH0001B & SH0001C are cross-linker & inhibitor, respectively.
Applications	Extrudable products

Typical Property Data

Benefits	- Non-blooming - Non-yellowing - PCB-free curing
----------	--

Typical properties	Property	Test Method	Unit	SH1060U
	Appearance	ASTM E1767	-	Transparent
	Williams Plasticity	ASTM D926	-	220
	Curing condition	Curing agent	-	1)SH0001A / SH0001B / SH0001C
		Content of Curing agent	phr	0.5 / 0.4 / 0.6
		Press 1 st cure	-	5mins, 120°C
		Oven 2 nd cure	-	4hrs, 200°C
	Specific gravity(25°C)	ASTM D792	-	1.15
	Hardness	ASTM D2240	Shore A	64
	Tensile strength	ASTM D412	MPa	9.0
	Elongation	ASTM D412	%	330
	Tear strength	ASTM D624 C	N/mm	33
	Linear shrinkage	JIS K6249	%	2.3

※ Typical property data values should not be used as specifications

추천함량

Curing agents	SH0001A	SH0001B	SH0001C
Appearance	paste	paste	Rubber compound
Amount (parts)	0.5	0.4	0.6

Composition	SH0001A : pt catalyst, SH0001B : cross-linker, SH0001C : inhibitor
-------------	--

How to use	1) Avoid the materials such as sulfur, nitrogen compounds, and phosphorus compounds. 2) The base rubber compound should be freshened on two-roll mill before mixing SH0001 3) Mixing procedure : SH0001C □ SH0001A □ SH0001B 4) Do not directly mix SH0001A & SH0001B onto the base compound without SH0001C 5) After adding the curing agents onto base rubber compound, spend all compounds as soon as possible.
------------	--

Features	- Peroxide
----------	------------

– free cure system

Storage and packaging	
Shelf life and storage	– Use it within 6 months from the date of manufacture. –Keep out of the reach of the children. –During transportation, try to avoid direct sunlight. Conditions of under 30℃ with shade is commended. – If store condition is not fulfilled, the products' lifetime may be affected. Also, deterioration of the products' quality within shelf life time may occur.
Packaging	1KG, 5KG PE can
Remarks	
Handling	– Wear eye protection and protective gloves when handling this product.
Precautions	– Material Safety Data Sheets are available upon request from KCC.
Limitation	The featured product must be checked prior to use. 1) If applying to other purposes, defects can be generated. 2) If mixing with other products, degradation of properties and defects can be caused. 3) Additives or pigments must be used under technical support of KCC. 4) If it's first use, product must be applied after technical suggestion and assistance of KCC. Any other inquiries or methods of use can be found on KCC webpage and enquired technical support team at KCC.
Warranty information	Please read carefully This TDS is considered to be accurate. KCC's guarantee of the product will apply, only if conditions on TDS (limitation, notice, application) are fulfilled within expiry date. If not, KCC cannot guarantee the quality of the product. KCC's sole warranty is that the product will meet the KCC sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to replacement of any product shown to be other than as warranted. KCC specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KCC provides you with a specific, duly signed endorsement of fitness for use, KCC disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.
1'st issue	2009-03-01
Revision	2015-08-01

※ Please refer to MSDS if you want to know more specific usage or caution.
for further information, please see our website, www.kccworld.co.kr

