



Product description	SH0003AFC100/SH0002BFC100 are curing agent for addition cure silicone rubber. SH0003AFC100 is a platinum/inhibitor catalyst. SH0002BFC100 is cross-linker, respectively.
Applications	Extrusion grade in KCC compounds.(SH1050U,SH1060U,SH1072U,SH2660U..etc)
Key performance properties	Non-blooming PCB-free curing Long pot life Good transparency

Typical Property Data

Benefits	-Non-blooming -Non-yellowing -PCB-free curing. -Long pot life				
Typical properties	Properties	Test method	Unit	SH1050U	
	Appearance	ASTM E1767	-	Transparent	
	Williams plasticity	ASTM D926	-	180	
	Curing condition	Curing agent	-	1) SH0003AFC100 / SH0002BFC100	
		Amounts	phr	0.5 / 1.5	
		Press 1 st cure	-	10mins, 120℃	
		Oven 2 nd cure	-	4hrs, 200℃	
	Specific gravity	ASTM D792	-	1.13	
	Hardness	ASTM D2240	Shore A	55	
	Tensile strength	ASTM D412	MPa	9.9	
	Elongation	ASTM D412	%	565	
	Tear strength	ASTM D624 C	N/mm	32.3	
	1) SH0003AFC100 : Pt catalyst & inhibitor master batch , SH0002BFC100 : cross-linker master batch * Typical properties should not be used as specifications They are evaluated in laboratory, and can be different from test condition.				
Composition	SH0003AFC100 : Pt catalyst & inhibitor master batch SH0002BFC100 : cross-linker master batch				
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 SH0003AFC100 3) Mixing procedure : SH0003AFC100 → SH0002BFC100 4) Do not directly mix SH0003AFC100 with SH0002BFC100 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	<ul style="list-style-type: none"> - Use it within 6 months from the date of manufacture - Store in a cool dry and place out of direct sunlight - Keep out of the reach of the children -During transportation, try to avoid direct sunlight. Conditions of under 30°C 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 Precautions	Wear eye protection and protective glove when handling this product.
Limitation	<p>The featured product must be checked prior to use.</p> <ol style="list-style-type: none"> 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.
Warranty information	<p>Please read carefully</p> <p>The information contained herein is offered in good faith and is believed to be accurate.</p> <p>However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KCC's products are safe, effective, and fully satisfactory for the intended end use.</p> <p>KCC's sole warranty is that the product will meet the KCC sales specifications in effect at the time of shipment.</p> <p>Your exclusive remedy for breach of such warranty is limited to replacement of any product shown to be other than as warranted.</p> <p>KCC specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability.</p> <p>Unless KCC provides you with a specific, duly signed endorsement of fitness for use, KCC disclaims liability for any incidental or consequential damages.</p> <p>Suggestions of use shall not be taken as inducements to infringe any patent.</p>
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Revision	

※ 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

