

Change in Some Raw Materials of StayClean A

Information

Some raw materials of StayClean A (Additive for preventing particles generated during dicing from adhering to workpieces) will go out of production. Along with this, we change the some raw materials to replacements. The supplier for the some raw materials changes but there is no change in any other points below:

Supplier	Different
Performance of raw materials	Equivalent
Performance of StayClean A	Equivalent *See the evaluation results.
Manufacturing method	No change
Quality control system	No change
Part No.	No change

Evaluation results

Specifications

We have confirmed that StayClean A is within the specification values even after changing the raw materials.

Evaluation item	Unit	Standard value	Actual value for past 10 lots before change	Actually measured value after change
Color	APHA	<100	<10	<10
Specific gravity	-	1.000 to 1.020	1.006	1.006
pH (undiluted solution)	-	7.5 to 9.5	8.0 to 8.2	8.2
Conductivity (undiluted solution)	μS/cm	5,000 to 6,500	5,350 to 5,480	5,425
Metallic value	K	ppm	<0.5	ND
	Na			ND
	Fe			ND
	Cu			ND

ND<0.3ppm

Effects

We performed a test using bare silicon with resin film having high repellency, and confirmed that there was no difference in the number of 1μm² or larger particles adhered between before and after changing the raw materials.

Evaluation item	Before change	After change
The number of particles adhered: maximum	103	101
The number of particles adhered: minimum	37	41

Schedule for starting the change

The change is scheduled to start in around January 2016.

Inquiries

Please contact your local DISCO sales representative or DISCO service office if you have any questions regarding this matter.