



THAI PARKERIZING CO.,LTD.

Heat & Surface Treatment Division

Quality Testing Report

(ใบรายงานผลการตรวจสอบผลิตภัณฑ์สำหรับกระบวนการ GAS Hemarai)

FR-HQC-03/029-00-20/11/23

PAGE



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Customer	NISSIN MANUFACTURING (THAILAND)CO.LTD		Process	HCQT+NOX		
Part Name	REFER DWG H-K0J (IN)		Part No.	3721900		
Customer Lot No.	2503-19,					
TPK. Lot No.	G25407HG06	Material	SCR420HV	Qty.	8064 PCS	

INCOMING INSPECTION

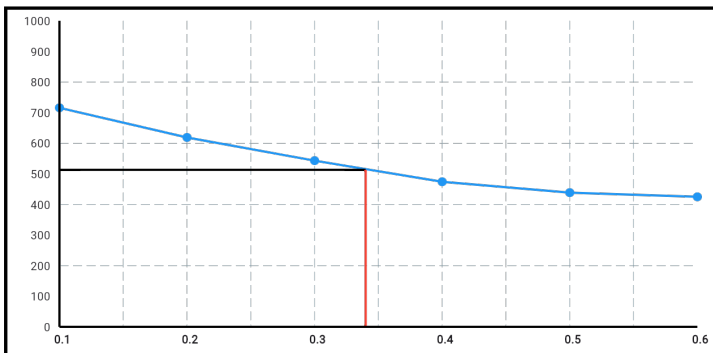
ITEM	SC	Check Method	Frequency	Specification	Result	Remark
Appearance for Rust		Visual	10 pcs/rcv.Lot	No Rust	No Rust	
Appearance for scratch		Visual	10 pcs/rcv.Lot	No Scratch	No Scratch	

FINAL INSPECTION

ITEM	SC	Check Method	Frequency	Specification	Result	Remark
Appearance for Rust		Visual	10 pcs/Lot	No Rust	No Rust	
Appearance for Scratch		Visual	10 pcs/Lot	No Scratch	No Scratch	
Surface Hardness		Rockwell Hardness tester	9 pcs/Lot	78-83 HRA	80.6	
Hardness Case Depth (CDE@ 513 Hmv) (Load 300 gf)		Micro Vicker Hardness tester	1 pcs/Lot	0.20-0.40 mm.	0.34	
Core Hardness		Rockwell Hardness tester	1 pcs/Lot	30-47 HRC	42.4	
Microstructure		Microscope (X 500)	1 pcs/Lot	TP STD	Good	

SAMPLE NO.	1	2	3	4	5	6	7	8	9										
POINT NO.	1	1	1	1	1	1	1	1	1										
Surface Hardness	80.8	81.6	80.2	81.9	80.2	80.5	81.0	79.6	80.0										

SAMPLE NO.	1	1			
POINT NO.	1	2			
CORE	42.3	42.5			



Microstructure



Depth (mm.)	0.10	0.20	0.3	0.4	0.5	0.6											CORE
Hardness	715.70	618.80	543.00	474.00	438.50	424.80											424.10

Judgement	Inspected By	Checked By	Approved By
PASSED		Kritsada	Kritsada

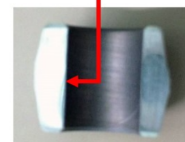
Remark

Details

Surface hardness



Effective Case Depth



Core Hardness

