

THAI PARKERIZING CO.,LTD.

Heat & Surface Treatment Division

Quality Testing Report

(ใบรายงานผลการตรวจสอบผลิตภัณฑ์สำหรับกระบวนการ GAS Hemaraj) อิดาัตดงังยลดพ่อ ฮ่าง คะหะเร

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	rieat & Surface freatment Division													FR-HQC-03/029-00-20/11/23										
Customer NISSIN MANUFACTURING (THAILAND)CO.LTI																Process				HCQT+NOX				
Part Na						Part No.				3721900														
Customer I	_ot No.		250	13-19,														·						
TPK. Lot			Material			SCR420H			R420HV	Qty.			8064 PCS											
								II	NCOM	1ING	INSP	ECTI	ON											
ITEM							;		Chec	heck Method				Frequency			s	pecification	Result			Rer	mark	
Appearance for Rust									\	√isual	d			10 pcs/rcv.Lot			No Rust		No Rust					
Appearance for scratch									\	√isual	ı		10 pcs/rcv.L			Lot	١	No Scratch	No Scratch					
									FINA	AL IN	ISPEC	OIT	١											
ITEM							;		Chec	ck Method				Frequency			s	pecification	Result			Remark		
A				\	/isual	1		10 pcs/L			t		No Rust	t No Rust										
Ард				١	√isual	1		10 pcs/L			t	١	No Scratch	n No Scratch										
	s		Roc	kwell F	lardn	ess tes	ter	9 pcs/L			t	78-83 H		80.6										
Hardness Case De	s		Micro	Vicker	dness te	ester	\downarrow	1 pcs/Lot			0.20-0.40 mm.		0.34		_									
Core Hardness							4	Roc	kwell F	ess tes	ter	_	1 pcs/Lot			30-47 HRC		_	42.4					
Microstructure							_	N	/licrosc	ope ((X 500))	\bot	1 pcs/Lot		t	TP STD		Good		_			
																	<u> </u>							
SAMPLE NO.	1	2	3	4	5	6	7	8	9									SAMPLE NO.	1	1				
POINT NO.	1	1	1	1	1	1	1	1	1									POINT NO.	1	2				
Surface Hardness	80.8	81.6	80.2	81.9	80.2	80.5	81.0	79.6	80.0									CORE	42.3	42.5				
900									 	\Box							N	licrostructu	re					
800 700 600									-	6000														
500				 																				
300											- 5													
100									 	-	Park.													
0 0.1	0.2	!	0.3	!	0.4		0	1.5		0.6	2	95.65	220 11							10 Apr 1			5.	
Depth (mm.)		0.1	0	0.20 0.3		3	0.4		0.5 0.6														CORE	
Hardness 71		715.	.70	618.80 543.00		.00 4	74.00	438.50 424.80														424.10		
Judgement	ent Inspected By		Checked By			Approved By			Details	s														
PASSED		Kritsada				Kritsada					Surface hardness						Effective	Effective Case Depth				Core Hardness		
Remark	BOTTOM OVERFU	LOWED BY 7.0 F	PIXELS	BOTTOM OVERF	LOWED BY 6.0	PIXELS BOY	TTOM OVERFLI	OWED BY 6.0 PD	ELS				-			0								