

TEST REPORT

MATERIAL : EP 70 DURO PEROXIDE

COMPOUND NO. E7021B

A) PHYSICAL PROPERTIES (PRESS CURE @170DEGREE C X 10MIN)	REQUIREMENTS	TEST RESULT
HARDNESS SHORE A 硬度	70+/-5	73
TENSILE STRENGTH, MPa ,min 拉力強度	14	14.1
ELONGATION, % ,min 延伸率	200	202
SPECIFIC GRAVITY 比重		1.136
B) HEAT AGING @ 150 DEGREE C X 70 HRS 老化試驗		
HARDNESS CHANGE, POINTS 硬度變化	+10	+3
TENSILE STRENGTH CHANGE, % 拉力強度變化率	-20	-15
ELONGATION CHANGE, % 延伸率變化率	-20	-11
C) COMPRESSION SET 壓縮永久變形試驗		
HEAT AGING @150 DEGREE C X 22 HRS % ,max	40	12
D) WATER RESISTANCE 耐水試驗 @ 150 DEGREE C X 70 HRS		
HARDNESS CHANGE, POINTS 硬度變化	---	+2
TENSILE STRENGTH CHANGE, % 拉力強度變化率	---	-1
ELONGATION CHANGE, % 延伸率變化率	---	+2
VOLUME CHANGE,% 体积变化率	+/-5	+3
E) DOT # 3 OIL RESISTANCE @ 125 DEGREE C X70HRS		
HARDNESS CHANGE, POINTS 硬度變化	---	-5
TENSILE STRENGTH CHANGE, % 拉力強度變化率	---	+9
ELONGATION CHANGE, % 延伸率變化率	---	+9
VOLUME CHANGE,% 体积变化率	---	+3
F) DOT # 3 OIL RESISTANCE @ 150 DEGREE C X70HRS		
HARDNESS CHANGE, POINTS 硬度變化	---	-5
TENSILE STRENGTH CHANGE, % 拉力強度變化率	---	+7
ELONGATION CHANGE, % 延伸率變化率	---	+17
VOLUME CHANGE,% 体积变化率	---	+4
G) LOW TEMPERATURE BRITTLINESS 低温脆性試驗		
TESTS AFTER 3MIN AT -55 DEGREE C	pass	NONBRITTLE

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY
THIS COMPOUND E7021B CAN MEET M2DA714 A26 B36 EA14 F19 Z1(Z1=PEROXIDE)



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Test by: [Signature]