

## TEST REPORT

MATERIAL : EP 70 DURO PEROXIDE

COMPOUND NO. E7021B

Test date:2016/10/12

A) PHYSICAL PROPERTIES (PRESS CURE @170DEGREE C X 10MIN)	REQUIREMENTS	TEST RESULT
HARDNESS SHORE A 硬度	70+/-5	72
TENSILE STRENGTH, MPa ,min 拉力強度	14	14.0
ELONGATION, % ,min 延伸率	200	222
SPECIFIC GRAVITY 比重		1.133
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	+21
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	19
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	---	+1
VOLUME CHANGE,%体积變化率	+/-5	+2
E) DOT # 3 OIL RESISTANCE @ 125 DEGREE C X70HRS		
HARDNESS CHANGE, POINTS 硬度變化	---	-4
TENSILE STRENGTH CHANGE, % 拉力強度變化率	---	+8
ELONGATION CHANGE, %延伸率變化率	---	+9
VOLUME CHANGE,%体积變化率	---	+2
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	---	+6
ELONGATION CHANGE, %延伸率變化率	---	+17
VOLUME CHANGE,%体积變化率	---	+3
G) LOW TEMPERATURE BRITTLENESS 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)