

TEST REPORT

MATERIAL :FLUOSIL70 DURO BLUE COMPOUND NO:F7041U

A)PHYSICAL PROPERTIES (PRESS CURE @ 165 DEGREE C X 10 MIN)	REQUIREMENTS	TEST RESULT
HARDNESS SHORE A 硬度	70+/-5	72
TENSILE STRENGTH,Mpa ,min 拉力強度	5.17	8.0
ELONGATION,% ,min 延伸率	125	197
SPECIFIC GRAVITY 比重		1.519

B)HEAT AGING @ 200 DEGREE C X 70 HRS 老化試驗

HARDNESS CHANGE , 硬度變化	-5~+10	+1
TENSILE STRENGTH CHANGE ,%拉力強度變化	-25	-20
ELONGATION CHANGE ,% 延伸率變化率	-25	-23

C)COMPRESSION SET 壓縮永久變形試驗

HEAT AGING @ 175 DEGREE C X 22 HRS % ,max	30	8
AIR AGING 23.9CX70HRS,% max	15	3

D)FLUID RESISTANCE,TEST METHOD D471,NO.1 OIL @ 150DEGREE C X 70H 耐 1#油試驗

HARDNESS CHANGE ,MAX POINTS 硬度變化	---	-1
TENSILE STRENGTH CHANGE ,%拉力強度變化率	---	-29
ELONGATOIN CHANGE ,% 延伸率變化率	---	-28
VOLUME CHANGE 體積變化率	---	-6

E)FLUID RESISTANCE,TEST METHOD D471,NO.3 OIL @ 150DEGREE C X 70H 耐 3#油試驗

HARDNESS CHANGE ,MAX POINTS 硬度變化	---	-3
TENSILE STRENGTH CHANGE ,%拉力強度變化率	---	-26
ELONGATOIN CHANGE ,%延伸率變化率	---	-19
VOLUME CHANGE 體積變化率	---	+5

F) TT-S-735 TYPE III FUEL RESISTANCE : 23 DEGREE C X22H 耐 TT-S-735 油試驗

HARDNESS CHANGE I ,MAX POINTS 硬度變化	-20	-12
TENSILE STRENGTH CHANGE ,% 拉力強度變化率	-45	-33
ELONGATOIN CHANGE ,% 延伸率變化率	-35	-27
VOLUME CHANGE 體積變化率	1~+25	+17

G) FUEL B RESISTANCE : 23 DEGREE C X22H 耐燃油 B 試驗

HARDNESS CHANGE ,MAX POINTS 硬度變化	0~-15	-13
TENSILE STRENGTH CHANGE ,%拉力強度變化率	-60	-35
ELONGATOIN CHANGE ,%延伸率變化率	-50	-23
VOLUME CHANGE 體積變化率	0~+25	+19

H) LOW TEMPERATURE TR-10

-60°C

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.

THIS COMPOUND F7041U CAN MEET AMS-R-25988 TYPE 1 CLASS 1

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