

TEST REPORT

MATERIAL : SIL 30 DURO RED

COMPOUND NO. : S3001R

A)PHYSICAL PROPERTIES

PRESS CURE @170 DEGREE C X 10MIN

POST CURE @200 DEGREE C X 4 HRS

	REQUIREMENT	TEST RESULT
HARDNESS,SHORE A 硬度	30+/-5	33
TENSILE STRENGTH, MPa,min 拉力强度	5.0	7.1
ELONGATION, %,min 延伸率	400	493
SPECIFIC GRAVITY 比重		1.093

B) HEAT RESISTANCE @225 DEGREE C X 70 HRS 老化试验

HARDNESS CHANGE, PTS 硬度变化

TENSILE STRENGTH CHANGE, % 拉力强度变化率

ELONGATION CHANGE, %延伸率变化率

+10	+0
-25	-8
-30	+1

C) COMPRESSION SET 压缩永久变形试验

CURING CONDITIONS

PRESS CURE@170 DEGREE C X 20 MIN

POST CURE@200 DEGREE C X 4 HRS

HEAT AGING@ 175 DEGREE C X 22HRS, %,max

25	12
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D) ASTM NO. 1 OIL @ 150 DEGREE C X 70 HRS 耐 1#油试验

HARDNESS CHANGE, POINTS 硬度变化

TENSILE STRENGTH CHANGE %拉力强度变化率

ELONGATION CHANGE, % 延伸率变化率

VOLUME CHANGE, %体积变化率

0~-10	-8
-30	-10
-30	-23
0~+15	+12

E) ASTM NO. 3 OIL @ 150 DEGREE C X 70 HRS 耐 3#油试验

HARDNESS CHANGE, PTS 硬度变化

VOLUME CHANGE, %体积变化率

--	+59
+60	

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND S3001R CAN MEET ASTM D2000 M2GE305 A19 B37 EO16 EO36



QA Manager: Grace Chen

QC.Dept:Dolly Zhou

Test by:QC08