



ESCORT SEAL

The Manufacturer of Sealing Parts

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TEST REPORT

MATERIAL : EP 50 DURO YELLOW FDA

COMPOUND NO. E5011Y

A) PHYSICAL PROPERTIES (PRESS CURE @170DEGREE C X 10MIN)	REQUIREMENTS	TEST RESULT
HARDNESS SHORE A	50+/-5	50
TENSILE STRENGTH, MPa	7.0	9.2
ELONGATION, % ,min	300	472
SPECIFIC GRAVITY ,min		1.271
B) HEAT AGING @100 DEGREE C X 70 HRS		
HARDNESS CHANGE, POINTS	+/-15	+3
TENSILE STRENGTH CHANGE, %	+/-30	-22
ELONGATION CHANGE, %	-50	-30
C) COMPRESSION SET		
HEAT AGING @ 70 DEGREE C X 22 HRS %,max	50	16
D) LOW TEMPERATURE BRITTLINESS		
TESTS AFTER 3MIN AT -50 DEGREE C		NONBRITTLE

NOTE:1.THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND E5011Y CAN MEET ASTM D2000 M2BA507 A14 B13
2. THE COMPOUND IS COMPLY WITH FDA REGULATION ,BUT WE CAN NOT OFFER ANY
APPROVAL OR CERTIFICATION.

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QC.Dept:Dolly Zhou

Test by:QC08