



# ESCORT SEAL

The Manufacturer of Sealing Parts

Escort Seal (Shanghai) Co., Ltd  
NO.205 Jiangtian RD(E) Songjiang,  
Shanghai China  
POSTAL CODE: 201613  
Tel:(021)57747878  
Fax:(021)57747979  
Website: <http://www.seal.com.tw>

MATERIAL : EP 90 DURO BLACK FDA+PRO COMPOUND NO. : E9081B

A) PHYSICAL PROPERTIES (PRESS CURE @170 DEGREE C X 10MIN )	REQUIREMENT	TEST RESULT
HARDNESS SHORE A 硬度	90+/-5	85
TENSILE STRENGTH, MPa,min 拉力強度	10	10.4
ELONGATION, %,min 延伸率	100	167
SPECIFIC GRAVITY 比重		1.31
B) HEAT AGING @125 DEGREE C X 70 HRS 老化試驗		
HARDNESS CHANGE, POINTS 硬度變化	+10	+5
TENSILE STRENGTH CHANGE, % 拉力強度變化率	-20	-11
ELONGATION CHANGE, % 延伸率變化率	-40	-18
C) COMPRESSION SET 壓縮永久變形試驗		
HEAT AGING @ 125 DEGREE C X 22 HRS % ,max	70	31

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.  
THIS COMPOUND E9081B CAN MEET ASTM D2000 M7CA910 A25 B35 Z1(Z1=FDA+PRO)

QA Manager: Grace Chen

QC.Dept:Dolly Zhou

