

TEST REPORT

MATERIAL : EP 70 DURO WHITE FDA+PRO COMPOUND NO. : E7081W

Test date:2019/08/08

A) PHYSICAL PROPERTIES (PRESS CURE @170 DEGREE C X 10MIN)	Test method	Requirement	Test result
HARDNESS SHORE A	ASTM D2240	70+/-5	69
TENSILE STRENGTH, MPa	ASTM D412	10	13.0
ELONGATION, %	ASTM D412	200	496
TEAR RESISTANCE ,kg/cm	D-624(Die C)		43
SPEICFIC GRAVITY,	ASTM D297		1.256
 B) HEAT AGING @125 DEGREE C X 70 HRS	 ASTM D573		
HARDNESS CHANGE, POINTS		+10	+3
TENSILE STRENGTH CHANGE, %		-20	-2
ELONGATION CHANGE, %		-40	-13
 C) COMPRESSION SET	 ASTM D395		
HEAT AGING @ 125 DEGREE C X 22 HRS %		70	23
 D)LOW TEMPERATURE BRITTLINESS	 ASTM D2137		
TESTS AFTER 3MIN AT -40 DEGREE C		pass	NONBRITTLE

NOTE:THE ABOVE TESTS WAS TESTED WITH TEST PIECE AND FOR YOUR REFERENCE ONLY.
THIS COMPOUND E7081W CAN MEET ASTM D2000 M4CA710 A25 B35 F17



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Test by:QC08