

Production Part Approval Material Test Results

DaimlerChrysler Ford General Motors

MATERIAL SPEC. NO. / REV/ DATE			SPECIFICATION / LIMITS	TEST DATE	QTY. TESTED	SUPPLIER TEST RESULTS (DATA)	OK	NOT OK
AMS7379								
ORIGINAL PHYSICALS						Lot # 14321001		
3.2.1	Hardness, Shore A, pts	75 ± 5	11/19/14	5	75	✓		
3.2.2	Tensile Strength, psi	1300 min	11/19/14	3	1476	✓		
3.2.3	Elongation, %	120 min	11/19/14	3	164	✓		
3.2.4	Specific Gravity	Report	11/19/14	2	1.81	✓		
3.2.5	TR-10, °F	-37 max	11/21/14	3	-40°F	✓		
3.2.6	Glass Transition (°F), Inflection	-40 max	12/11/14	3	-44.3°F	✓		
FUEL RESISTANCE								
3.2.7	FUEL B	70hrs @ 73°F						
3.2.7.1	Hardness change, points	-10	12/4/14	5	-4	✓		
3.2.7.2	Tensile change, %	-35 max	12/4/14	3	-32	✓		
3.2.7.3	Elongation change, %	-20 max	12/4/14	3	-4	✓		
3.2.7.4	Volume change, %	+1 to +10	12/4/14	3	+9	✓		
OIL RESISTANCE								
3.2.8	AMS3085	70hrs @ 392°F						
3.2.8.1	Hardness change, points	-10	12/11/14	5	-2	✓		
3.2.8.2	Tensile change, %	-30 max	12/11/14	3	+6	✓		
3.2.8.3	Elongation change, %	-20 max	12/11/14	3	+22	✓		
3.2.8.4	Volume change, %	0 to +10	12/11/14	3	+7	✓		
C-SET in AMS3085			70hrs @ 392°F					
3.2.8.5	% of original deflection	25 max	12/8/14	2	9	✓		
C-SET in AMS3085			336hrs @ 392°F					
3.2.8.6	% of original deflection	55 max	12/15/14	2	21	✓		
3.2.9	MIL-PRF-83282	70hrs @ 275°F						
3.2.9.1	Hardness change, points	-7	12/4/14	5	-1	✓		
3.2.9.2	Tensile change, %	-25 max	12/4/14	3	+7	✓		
3.2.9.3	Elongation change, %	-15 max	12/4/14	3	+18	✓		
3.2.9.4	Volume change, %	+6 max	12/4/14	3	+2	✓		
C-SET in MIL-PRF-83282			70hrs @ 275°F					
3.2.9.5	% of original deflection	20 max	12/8/14	2	9	✓		
C-SET in MIL-PRF-83282			336hrs @ 275°F					
3.2.9.6	% of original deflection	35 max	12/15/14	2	12	✓		
3.2.10	HEAT RESISTANCE	70hrs @ 518°F						
3.2.10.1	Hardness change, points	-10 to +5	12/4/14	5	-1	✓		
3.2.10.2	Tensile change, %	-45 max	12/4/14	3	-26	✓		
3.2.10.3	Elongation change, %	-10 max	12/4/14	3	+29	✓		
3.2.10.4	Weight loss, %	10 max	12/4/14	3	7	✓		
COMPRESSION SET			22hrs @ 392°F					
3.2.10.5	% of original deflection	20 max	12/2/14	2	12	✓		
COMPRESSION SET			336hrs @ 392°F					
3.2.10.6	% of original deflection	55 max	12/15/14	2	44	✓		

Blanket statements of conformance are unacceptable for any test results.

March
2006**CFG-1004**

SIGNATURE	TITLE	DATE
Paul Raposa	Analytical Lab Manager	12/15/2014