

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
AMS 7257 Rev D						Lot # 14240001		
3.2.1 ORIGINAL PROPERTIES								
3.2.1.1	Hardness, Duro A, pts	75 ± 5	9/26/14	5	80		√	
3.2.1.2	Tensile Strength, psi	1500 min	9/26/14	3	1811		√	
3.2.1.3	Elongation, %	120 min	9/26/14	3	151		√	
3.2.1.4	Specific Gravity	± .02	9/26/14	2	2.03		√	
3.2.1.5	TR-10	+5°C	9/26/14	3	-2		√	
3.2.2 FUEL B		70H @ 23°C						
3.2.2.1	Hardness Change, pts	-5 to +5	9/29/14	5	0		√	
3.2.2.2	Tensile Change, %	-20 max	9/29/14	3	+9		√	
3.2.2.3	Elongation Change, %	-15 max	9/29/14	3	+7		√	
3.2.2.4	Volume Change, %	0 to +5	9/29/14	3	0		√	
3.2.3 AMS 3085		70H @ 200°C						
3.2.3.1	Hardness Change, pts	-5 to +5	10/9/14	5	0		√	
3.2.3.2	Tensile Change, %	-10 max	10/9/14	3	-7		√	
3.2.3.3	Elongation Change, %	-15 max	10/9/14	3	-7		√	
3.2.3.4	Volume Change, %	0 to +5	10/9/14	3	+1		√	
3.2.3.5	Compression Set, %	25 max	10/9/14	2	18		√	
3.2.4 AS1241 Type IV		70H @ 125°C						
3.2.4.1	Hardness Change, pts	-15 to 0	10/3/14	5	-3		√	
3.2.4.2	Tensile Change, %	-40 max	10/3/14	3	-4		√	
3.2.4.3	Elongation Change, %	-15 max	10/3/14	3	+24		√	
3.2.4.4	Volume Change, %	0 to +15	10/3/14	3	+4		√	
3.2.5 DRY HEAT RESISTANCE		70H @ 290°C						
3.2.5.1	Hardness Change, pts	-5 to +5	9/29/14	5	+2		√	
3.2.5.2	Tensile Change, %	-20 max	9/29/14	3	+12		√	
3.2.5.3	Elongation Change, %	-5 max	9/29/14	3	+18		√	
3.2.5.4	Weight Loss, %	5 max	9/29/14	3	-2.4		√	
3.2.6 C-SET PROPERTIES		70H @ 230°C						
	% Original Deflection	40 max	10/3/14	2	29		√	
3.2.7 C-SET PROPERTIES		336H @ 230°C						
	% Original Deflection	55 max	10/20/14	2	46		√	

Blanket statements of conformance are unacceptable for any test results.

March
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SIGNATURE	TITLE	DATE
Paul Raposa	Analytical Lab Manager	10/20/2014