

PARABRISAS CITSA DE MEXICO S.A. DE C.V. TEST REPORT

SCOPE OF WORK

ANSI Z26.1-1996, AS-2 testing on Pruebas de muestra de material filtrasol de 4 mm

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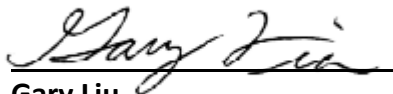
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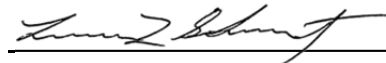
SECTION 1

CLIENT INFORMATION

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SECTION 2

SUMMARY

Date Received: 31-August-2018
Dates Tested: 14-September-2018

DESCRIPTION OF SAMPLES

Part Description: Pruebas de muestra de material filtrazol de 4 mm
Material Submitted: 12 of 10" x 12.5" Filtrazol (Dark)
Material Specification: ANSI Z26.1-1996, AS-2
Condition of Samples: Production

WORK REQUESTED/APPLICABLE DOCUMENTS

ANSI Z26.1-1996, AS-2
Intertek quote Qu-00910671-0

SECTION 3

CONCLUSION

TEST	RESULTS
5.7. Fracture Test	Conforming

SAMPLE DISPOSITION

After testing completed, samples were rendered unusable and then disposed of.

SUBMITTED TEST SAMPLE



Figure 1: Typical sample as received

SECTION 4

5.7. FRACTURE TEST:

Date Received: 31-August-2018
Date Tested: 14-September-2018
Location Tested: Intertek Kentwood, MI

DESCRIPTION OF SAMPLES:

Part Description: Pruebas de muestra de material filtrazol de 4 mm
Material Submitted: 12 of 10" x 12.5" Filtrazol (Dark)
Material Specification: ANSI Z26.1-1996, AS-2
Condition of Samples: Production

TEST PROCEDURE:

Test Method: Per ANSI Z26.1-1996, AS-2 section 5.7
Fixture: Horizontally but not rigidly secured.
Impactor: Spring-loaded center punch
Fracture Origin Location: 25 mm inboard midway of the long side edge. If there are two equal long edges, do the edge closest to trademark.
Evaluation: Exclude the 75 mm radius of the impact center and 20 mm around the periphery of the specimen.
Number of Samples: Six (6) Parts

ACCEPTANCE CRITERIA:

Per ANSI Z26.1-1996, AS-2
No individual fragment free from cracks and obtained within 3 minutes subsequent to test shall weigh more than 4.25 g (0.15 oz). Exclude the 75 mm radius of the impact center and 20 mm around the periphery of the specimen.

RESULTS:

PART	FRAGMENT GREATER THAN 4.25 g		DISPOSITION
	INDIVIDUAL	INDIVIDUAL IN CLUSTER	
1	No (0.54 g)	No (1.09 g)	Conforming
2	No (0.46 g)	No (0.57 g)	Conforming
3	No (0.62 g)	No (1.06 g)	Conforming
4	No (0.47 g)	No (0.85 g)	Conforming
5	No (0.87 g)	No (0.82 g)	Conforming
6	No (0.57 g)	No (1.21 g)	Conforming

PHOTOGRAPHS:



Figure 2: 5.7. Fracture Test Sample before Impact, Sample 1



Figure 3: 5.7. Fracture Test after Impact, Sample 1



Figure 4: 5.7. Fracture Test Fragment Mass of Sample 1

TEST EQUIPMENT:

ASSET NUMBER	EQUIPMENT	CALIBRATION DATE	CALIBRATION DUE
133501.3	8M/26FT TAPE MEASURE	4/20/2016	4/20/2019
133066.8	STOPWATCH	11/14/2017	11/14/2018
114159	SCALE, ANALYTICAL BALANCE 0-120 g	10/12/2017	10/12/2018