



ANNUAL LABORATORY TEST REPORT

COMPOUND: VIR 6186
COLOR: All Colors
SPECIFICATION: GMP.PVC.034

ANNUAL REPORT DATE: 2/12/17
ORIGINAL LABORATORY REPORT DATE: 10/2/01
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DATA REPRESENTS ACTUAL LABORATORY TESTS AND REMAINS CURRENT FOR ONE YEAR

Test Freq.	Test Method	Spec. Range	Results
A	Hardness, Shore D 15 sec. Delay ASTM D2240	78 ± 3	76
A	Specific Gravity ASTM D792	1.36 – 1.37	1.36
A	Tensile Strength at yield MPa, min. ISO527-5A, 500mm/min.	37 MPa	45.6 MPa
A	Flexural Modulus, MPa, min. ASTM D790	2215 MPa	2937 MPa
	Heat Deflection Temp. °C, min. ASTM D648 @ 1820 kpa* **	62°C	88°C
A	High Temperature Humidity Resistance GM9329P	No objectionable Tackiness	Pass

WEATHER RESISTANCE

2 Years exposure, Florida, SAE J1976* **

A) Color change,
B) Surface defects

ΔE = 3.0 max.
No objectionable defects

ΔE = 0.5 (black)
Pass

ACCELERATED WEATHER

Xenon Arc Weatherometer, 2500 kJ/m²
SAE J1960

A) Color change, ΔE max.
B) Surface defects

ΔE = 3.0 max.
No objectionable defects

ΔE = 0.62 (black)
Pass

FLAMMABILITY, FMVSS302

102mm/min. max.

SE

Approved by:

Edward Park, Ph.D., R&D Manager

* Test is outside our scope of accreditation.

** This test was performed by a subcontracted accredited testing laboratory.

*** This test was performed at supplier's biological laboratory.

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A = Vi-Chem tests annually.

All other tests are performed once at the time of the original lab report date.

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Additional information about testing may be found in the accreditation section on our website at www.vichem.com

Vi-Chem Corporation, 55 Cottage Grove, SW, Grand Rapids, MI 49507 Office (616) 247-8501 or (800) 477-8501, Fax (616) 247-8703