

# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## *Certificate of Accreditation*

*Perry Johnson Laboratory Accreditation, Inc., has assessed the Laboratory Quality System of:*

***KW Plastics Quality Laboratory  
1 Sanders Road  
Troy, AL 36079***

*(Hereinafter, the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:*

***ISO/IEC 17025:2005***

*This accreditation demonstrates technical competence for the following scope and the operation of a laboratory quality management system (as outlined by the joint ISO-ILAC-IAF Communiqué dated June 18, 2005):*

***Physical, Mechanical and Chemical Testing of Polymers  
(As detailed in the supplement)***

*Such testing and/or calibration services shall only be offered at or from the address given above. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.*

For PJLA:

*The validity of this certificate is mandated through ongoing surveillance.*

---

Accreditation Manager

Perry Johnson Laboratory  
Accreditation, Inc. (PJLA)  
26555 Evergreen, Suite 1325  
Southfield, Michigan 48076

*Issue Date:*  
December 31, 2006

*Expiration Date:*  
December 30, 2008

*Certificate No.:*  
L06-146

*Page No.:*  
Page 1 of 2

# *Certificate of Accreditation: Supplement*

**KW Plastics Quality Laboratory**  
1 Sanders Road  
Troy, AL 36079

*Accreditation is granted to this facility to perform the following testing:*

<b>FIELD OF TEST</b>	<b>ITEMS, MATERIALS OR PRODUCTS TESTED</b>	<b>SPECIFIC TESTS OR PROPERTIES MEASURED</b>	<b>SPECIFICATION, STANDARD METHOD OR TECHNIQUES USED</b>	<b>DETECTION LIMIT</b>
Physical Testing	Polymers	Specific Gravity	ASTM D792, ISO 1183 Per Customer Specification	CL = 95%
		Melt Flow Rate	ASTM D1238, ISO 1133 Per Customer Specification	CL = 95%
		Differential Scanning Colorimetry	ASTM D3417, D3417, D4591 ISO 11357	See Method
		Colorimetry	ASTM E308 Per Customer Specification	CL = 95%
		Gardener Impact	ASTM D5420	CL = 95%
Mechanical Testing	Polymers	Flexural Modulus	ASTM D790, ISO 178 Per Customer Specification	CL = 95%
		Tensile Strength Elongation	ASTM D638, ISO 527 Per Customer Specification	CL = 95%
		Izod Impact Strength	ASTM D256, ISO 180 Per Customer Specification	CL = 95%
		Heat Deflection	ASTM D648, ISO 75	CL = 95%
Chemical Testing	Polymers	Ash Content	ASTM D4218 Per Customer Specification	CL = 95%
		Infrared Analysis	ASTM D5576, D2238, D6248, D3124, D5994, D3594	See Method