



CERTIFICATE OF ACCREDITATION

ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

SABIC Innovative Plastics US LLC

Columbus Laboratories

945 South Marr Road

Columbus, IN 47201

has been assessed by ANAB and meets the requirements of international standard

ISO/IEC 17025:2017

while demonstrating technical competence in the field of

TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of activities to which this accreditation applies

L2200

Certificate Number

ANAB Approval

Certificate Valid Through: 01/21/2023
Version No. 002 Issued: 12/24/2019



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



ANSI National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SABIC Innovative Plastics US LLC Columbus Laboratories

945 South Marr Road
Columbus, IN 47201
Todd Carney
812 348 0205

TESTING

Valid to: **January 21, 2023**

Certificate Number: **L2200**

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Izod Impact	ASTM D256 Method A ISO 180/A and 180/U	Polymer	
Moisture Analysis via Karl Fisher	ASTM D6869 ISO 15512	Polymer	
Tensile Strength	ASTM D638 ISO 527-1 ISO 527-2	Polymer	
Tensile Modulus	ASTM D638 ISO 527-1 ISO 527-2	Polymer	
Tensile Elongation	ASTM D638 ISO 527-1 ISO 527-2	Polymer	
Flexural Strength	ASTM D790 Procedure A ASTM D790 Procedure B ISO 178	Polymer	
Flexural Modulus	ASTM D790 Procedure A ASTM D790 Procedure B ISO 178	Polymer	
Melt Point and Tg	ASTM D3418 ISO 11357-1 ISO 11357-2 ISO 11357-3 ASTM E794	Polymer	
TGA	ISO 11358 ASTM E1131 ¹	Polymer	



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Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Ash Content (Muffle Furnace)	ASTM D5630 Procedure B ISO 3451-1 Method A ISO 3451-4 Method A	Polymer	
Specific Gravity / Density	ASTM D792 Method A ISO 1183 Method A	Polymer	
Shrinkage	ASTM D955 Mold Direction	Polymer	
HDTUL	ASTM D648 ISO 75-1 ISO 75-2	Polymer	
Ash Content (Nitrogen Atmosphere)	ASTM D1603	Polymer	
Melt Flow Rate	ASTM D1238 Procedure A ASTM D1238 Procedure B ISO 1133 Procedure A ISO 1133 Procedure B	Polymer	
Melt Volume Rate	ASTM D1238 Procedure A ASTM D1238 Procedure B ISO 1133 Procedure A ISO 1133 Procedure B	Polymer	
Surface and Volume Resistivity	ASTM D257	Polymer	
Water Absorption	ASTM D570	Polymer	
Color Coordinates CIE L*a*b* DE*	ASTM D2244	Polymer	
Melt Viscosity / Stability	ASTM D3835	Polymer	
Charpy	ISO 179-1	Polymer	

Note:

1. Deviation in ASTM E 1131: The purge gas is not switched from inert to reactive during analysis.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. L2200.



Vice President