



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

SHPP US LLC
Columbus Laboratories
945 South Marr Road
Columbus, IN 47201

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 21 January 2023

Certificate Number: L2200



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).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SHPP US LLC
Columbus Laboratories
 945 South Marr Road
 Columbus, IN 47201
 Jeffery Turner Jeffery.turner@sabic-hpp.com
 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	

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
TGA	ISO 11358 ASTM E1131 ¹	Polymer	
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.



R. Douglas Leonard Jr., VP, PILR SBU