



## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

### Niche Polymer

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### TESTING

Valid to: **November 02, 2018**

Certificate Number: **AT-1897**

#### Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Moisture	ASTM D6869	Plastics	Karl Fischer Titration
Ash Content	ASTM D2584	Plastics	Muffle Furnace
Carbon Black Content	ASTM D4218	Plastics	Muffle Furnace
Capillary Rheometer	ASTM D3835	Plastics	Kayness Rheometer
Conditioning Plastics for Testing	ASTM D618	Plastics	(23 ± 2) °C (40 to 60) %RH
Melt Flow Rate	ASTM D1238	Plastics	Kayness Indexer
Flexural Properties	ASTM D790 ISO 178	Plastics	Instron Load Cell
Tensile Properties	ASTM D638 ISO 527	Plastics	Instron Load Cell
Notched Izod	ASTM D256 (Methods A, C and E) ISO 180	Plastics	TMI Notch Cutter and TMI Izod Impact Tester
Unnotched Izod	ASTM D4812 ISO 180	Plastics	TMI Izod Impact Tester
Molding of Test Specimens	ASTM D3641	Plastics	Injection Molder
Gardner Impact	ASTM D5420	Plastics	Gardner Impacter
Specific Gravity	ASTM D792	Plastics	Scales
Mold Shrinkage	ASTM D955	Plastics	Calipers
Hardness D	ASTM D2240	Plastics	PTC Instrument

**Mechanical**

<b>Specific Tests and/or Properties Measured</b>	<b>Specification, Standard, Method, or Test Technique</b>	<b>Items, Materials or Product Tested</b>	<b>Key Equipment or Technology</b>
Determination of temperature of deflection under load	ISO 75	Plastics	Tinius Olsen HD94
Notched Charpy	ISO 179-1 ASTM 6110	Plastics	Tinius Olsen Impact Tester
DSC	ISO 11357	Plastics	Mettler Toledo Polymer DSC 60

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1897.




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Vice President

