

Analysis Certification

AHN Biotechnologie pipette tips

AHN Biotechnologie pipette tips and filter tips are injection moulded by a controlled rheology homopolymer Polypropylene of narrow molecular weight distribution. This grade shows consistent processability and good thermal stability.



Properties*

Tests	Test Method	Unit	Typical Value
MFR (2,16 kg/230°C), Melt Flow Rate	Iso 1133	g/10 min.	45-55
Tensile Modulus	ISO 527/2	MPa	1650
Tensile stress at yield	ISO 527/2	MPa	35
Tensile elongation at yield	ISO 527/2	%	7
Tensile elongation at break	ISO 572/2	%	20
Flexural Modus	ISO 178	MPa	1650
Izod Impact Strength	ISO 180/1°	kJ/m ²	2,5
Charpy impact strength, unnotched	ISO 179/1eU	kJ/m ²	80
Charpy impact strength, notched	ISO 179/1eU	kJ/m ²	2
HDT (0,46 MPa)	ISO 75	°C	104
Shore Strength D	ISO 868	---	68
Heat Deflection Temperature HDT/B	ISO 75/2	°C	104
Vicat Softening Temperature VST/A50	ISO 306	°C	155
Vicat Softening Temperature VST/B50	ISO 306	°C	94
Density (23°C)	ISO 1183	g/cm ³	0.9
Ball Indentation Hardness (H358/30)	ISO 2039/1	MPa	83

- The property values shown are based on a limited number of tests.

Storage and Handling:

The product should be stored in dry conditions at temperature below 60°C and protected from UV-light. Improper storage can initiate degradation, which results in colour changes and can have negative effects on the physical properties of the products.

Safety:

AHN Tips are not classified as dangerous preparation.

Recycling:

The products are suitable for recycling using modern methods of shredding and cleaning.

AHN Biotechnologie GmbH

Quality Control Department
Uthleber Weg 14
D-99734 Nordhausen

Nordhausen, 2010-02-17

This document was sent online and is valid without signature

AHN Biotechnologie GmbH
Uthleber Weg 14
D-99734 Nordhausen, Germany
Traderegister Jena : HRB 404781

Phone: +49(0)3631/46594-04
+49(0)3631/47439-20
Fax: +49(0)3631/46594-10
Email: info@ahn-bio.de
www.ahn-bio.de

Commerzbank AG €/€
Account-No.: 6065155
Bank Code 82040000
BIC: COBADEFF820
IBAN: E16820400000606515500

Chief Executive Officers:
Angelika Hoffmann
Hans-Jürgen Hoffmann
VAT-ID No. DE812717024

