

Monosuisse AG
Test methods chemical laboratory

Standardized tests

Method No.	Analysis	Minimum sample size ¹⁾	Time required in minutes
Q2-3-10	Viscosity Polyamide ISO 307	0.5 g	22 min ²⁾ / 17 min
Q2-3-24	AEG and CEG in Polyamide	2 g	25 min ²⁾
Q2-3-01	Titanium dioxide photometric	5 g	30 min
Q2-3-03	Copper and manganese in PA	5 g	35 min ²⁾
Q2-3-04	Iodide + bromide in PA	5 g	30 min ²⁾
Q2-3-05	Manganese in PET	15 g	30 min ²⁾
Q2-3-34	Residual moisture vapor pressure	10 g	10 min
Q2-4-02	Viscosity PET ISO 1628/5	0.5 g	22 min ²⁾ / 17 min
Q2-4-03	CEG in PET	2 g	22 min ²⁾
Q2-4-30	Antimony in PET	5 g	30 min ²⁾
Q2-4-29	DEG content in PET (double determ.)	5 g	80 min
Q2-3-49	DSC spectrum	1 g	20 min
Q2-2-72	Melt viscosity MFI (double determ.)	100 g	60 min
Q2-3-38	Determination of carbon black (PA, PET)	1g	50 min.
Q2-4-06	Phosphorous in PET	2 g	50 min ²⁾
Q2-4-28	Phosphorous (> 100 ppm) in PET	2 g	50 min ²⁾

¹⁾ Sample size for single determination. In the case of viscosity measurements and end groups, double determinations are normally performed.

²⁾ Minimum time required for single determination. Costly sample preparations and/or special cleaning costs of the analytical equipment will be invoiced separately after consulting with the customer.

Problem-oriented tests

Additional analyses can also be performed, such as granule dimension, weight distribution of the granules, other elements such as iron and trace elements (ICP), as well as oligomer content etc. Time required on request.

For 2020, the cost for one hour (60 min) is CHF 130.00 excluding VAT and includes all laboratory costs (work time, chemicals, instruments, auxiliary materials, infrastructure) as well as an analysis report.

Monosuisse AG is an audited and certified company in accordance with ISO 9001 and ISO 14001. The laboratory works in accordance with the EN/ISO 17025 standard, however it is not a specially certified test laboratory.

Monosuisse AG
6020 Emmenbrücke / Switzerland

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Dr. Claudia Fritz-Kündig
 Chief chemical and environment

E-Mail: claudia.fritz-kuendig@monosuisse.com
 Telefon: +41 41 414 71 55