

Physical - mechanical Department
TEST REPORT OPL 238/2024

Part 3/3

No. of pages: 2
No. of annexes: 0

Title of the test: Melt flow index (MVR)
Customer: BKP Plastics s.r.o.
L. Podjavorinskej 2575/3B
915 01 Nové Mesto and Váhom
Slovakia
Order No.: -

Identification and description of the samples:
central registry samples No.: C 11095
granulate, identified by the customer as: PE black

Way of delivering the samples: the sample was delivered by the customer

Date of the delivery: April 11, 2024

RESULTS

The test results are given as an arithmetic mean x of parallel measurements together with indicating standard deviations of the mean values s or uncertainties of the measurements U using distribution coefficient $k=2$ for supplementary probability of 95 %.

Melt flow index (MVR) according to STN EN ISO 1133-1: 2023 (A)

Type of test: rheology
Date of the test conducting: April 16, 2024
The test conducted by: Petra Ružičková
Testing equipment: Dynisco – Kayeness (2-07-1898), analytical balance (1-04-0025)
Dies length [mm]: 8
Dies diameter [mm]: 2.096
Cylinder conditioning [s]: 300
Temperature [°C]: 190
Piston load [kg]: 5,0
Method: B
Number of test specimens: 3

Table 1 MVR

Marking of the sample	MVR [cm ³ /10 min]	
	x	s
C 11095	0,3	0,1

x – arithmetic mean

s – standard deviation
U – measurement uncertainty: 5%

List of annexes: -

TLS DECLARATION

The test result refers only to that particular test subject. The test report can only be reproduced in its entirety; the part of it can be reproduced only with written assent of the head of TLS.

An user of the accredited laboratory services must not use the accreditation label of the laboratory in any case.

The verification of the measuring apparatus is carried out in accordance with Metrological regulations of TLS.

Test result complaint

Test results or procedures presented in this test report can be complained in writing within 30 days of the test report issue.

Sample saving

Those samples which were subject of the testing are saved by the laboratory usually within 30 days from the test report delivery to the customer.

Date of test report issue: May 31, 2024

Test report elaborated by: Dipl. Ing. Viktor Garai

Supervised by: **Dipl. Ing. Viktor Garai**
Head of the Physical - mechanical Department
Head of the Analytical Department

Approved by: **Dipl. Ing. Danica Červinková**
Director of the Certification and testing laboratory division

- - - The end of the test report - - -

