



Angarsk Polymer Plant Joint Stock Company
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ITs-TsZL (Testing Center, Central Factory Laboratory): workshop maintenance laboratory 122/123
665830, Irkutsk region, Angarsk, industrial zone.
Angarsk Polymer Plant Joint Stock Company
e-mail: secr@azp.ru Tel.: 8(3955) 57-41-84
Certificate of Accreditation of the Testing Center, Central Factory Laboratory of AZP JSC No. ROSS
RU.0001.512795
Validity period of the accreditation certificate: unlimited.

CERTIFICATE No. 1

High-pressure (low-density) polyethylene 13303-010, highest grade

OKPD2 code 20.16.10.111
Batch number: 122
Date of manufacture: March 17, 2021
Batch size (mass): 2.875 t
Sampling site (according to GOST 2517): Shop warehouse 122/123, facility 1083
Date of sampling: March 17, 2021
Test date: March 19, 2021
The certificate was issued on the basis of: test results dated March 19, 2021 No. 1-ПВД133

No.	Name of indicator	Testing method	Norm according to TU 6-05-1853-78	Actual value
1	Density, g/cm ³	GOST 15139-69	0.919 ± 0.002	0.918
2	Melt liquidity index, g/10 min (rated value) with tolerance, %	GOST 11645-73	1.0 ± 30	1.1
3	Diversity of the melt liquidity index within batch, %, not more than	Item 4.12, TU 6-05-1853-78	± 12	±5
4	Number of inclusions, pcs., not more than	Item 4.13, TU 6-05-1853-78	20	13
5	Tensile yield point, Pa (kgf/cm ²), not less than	GOST 11262-2017	93 * 10 ⁵ (95)	98*10 ⁵ (100)
6	Tensile strength, Pa (kgf/cm ²), not less than	GOST 11262-2017	122 * 10 ⁵ (125)	125*10 ⁵ (127)
7	Tension set, %, not less than	GOST 11262-2017	500	532
8	Mass fraction of the granules with a size from 2 to 8 mm, %, not more than	Item 4.9, TU 6-05-1853-78	0.5	0.5
9	Mass fraction of the granules with a size from 5 to 8 mm, %, not more than	Item 4.7, TU 6-05-1853-78	0.5	0.5
10	Mass fraction of gray and oxidized granules, %, not more than	Item 4.8, TU 6-05-1853-78	0.5	0.0
11	Mass fraction of extractables, %, not more than	Item 4.15, TU 6-05-1853-78	1.7	0.6

Conclusion:

High-pressure polyethylene 13303-010, pilot batches **complies with the requirements of:**
- GOST 6-05-1853-78 with amendments 1-4 "High-Pressure Polyethylene, Grades. Pilot Batches"

- Notes: 1. For black-colored polyethylene, indicators as per Items 1 and 4 shall not be determined.
2. As per the agreement with a customer, it is allowed to increase the norm under Item 4 up to 100 pcs.
3. Indicator 11 is an optional one for the term of the TU validity.

Additional Information:

- transportation and storage: as per Item 5, TU 6-05-1853-78 with amendments 1-4;
 - warranty period of storage: 1 year from the date of manufacture.
- Container "Polyethylene Bag with Internal Lamination. (25 kg)"
Number of containers: 115 pcs.

Stamp here

Accepted for shipment by
the Logistics Support
Division of RN-TRANS JSC

Operator of the Section of Raw Material
Preparation and Issue of Intermediates
and Products,
4th Category _____
Certificate issue date:

M.S. Tsymbal
(Power of Attorney
No. A3II-112/21 dated
January 1, 2021)
March 19, 2021