



Joint Stock Company Angarsk Polymer Plant
Legal address:
665800, Irkutsk region, Angarsk, block 8, (Pervyi industrial area), building 5
e-mail: secr@azp.ru Tel.: 8(3955) 57-30-00, 57-30-02

The products were manufactured under control established in the integrated management system certified by Quality Austria in accordance with the requirements of ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 50001:2018, Certificates Nos. 25613/0, 04306/0, 01144/0, and 00241/0

Test Center, Central Plant Laboratory
6658 30, Irkutsk region, Angarsk, industrial zone.
Joint Stock Company Angarsk Polymer Plant
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CERTIFICATE No. 11

Low-molecular-weight polyethylene produced by high-pressure polyethylene of grade NMPE-1

OKPD Code 2 20.16.10.110

Batch number: **11**

Date of manufacture: 29.11.2021

Batch size (mass): **2.982 t**

Sampling site (according to GOST 2517): Shop warehouse 122/123, facility 1075

Date of sampling: 29.11.2021

Test date: 30.11.2021

The certificate was issued on the basis of: test results dated 30.11.2021 No. 11-NMPE

No.	Name of the indicator	Testing method	Norm according to TS 2211-060-00203521-2002	The actual value
1	Overall view	Item 4.1, TS 2211-060-00203521-2002	Liquid or ointment- or wax-like mass mixed with liquid fraction of light gray or brown color	greasy mass from light gray to gray color
2	Dynamic viscosity of the melt, MPa*s, within	Item 4.2, TS 2211-060-00203521-2002	4-750	203
3	Mass fraction of sulfur, %, maximum	GOST 15973-82 item 4.3 TS 2211-060-00203521-2002	0.1	0.03
4	Drop point, °C, within	GOST 6793-74 item 4.4 TS 2211-060-00203521-2002	from minus 5 to plus 105	is not determined
5	Mass fraction of volatile substances, %, max	Item 4.5, TS 2211-060-00203521-2002	0.5	0.05
6	Melting point, °C, within	GOST 21553-76 item 4.6 TS 2211-060-00203521-2002	25-90	72

Conclusion:

Low-molecular-weight polyethylene produced by high-pressure polyethylene of grade NMPE-1 **meets the requirements:**

- TS 2211-060-00203 521 -2002 "Low-molecular-weight polyethylene produced by high-pressure polyethylene Specifications"

1. It is allowed, in agreement with the consumer, to supply low-molecular-weight polyethylene with a mass fraction of volatile substances of no more than 1 %.

2. For low-molecular-weight polyethylene, the presence of black or brown inclusions and mechanical impurities is allowed in agreement with the consumer.

3. To determine the quality of low molecular weight polyethylene, it is allowed to determine either indicator 4 or indicator 6.

Additional Information:

- transportation and storage: as per Item 5, TS 2211-060-00203521-2002;

- warranty period of storage: 2 years from the date of manufacture.

Container "Steel Barrel for Secondary Polymer Feedstock"

Number of containers: 16 pcs.

Stamp here

Engineer of
the Laboratory _____

T.V. Yudina
(Power of Attorney No. A3II-
236/21 dated 26.08.2021)

Certificate issue date:

30.11.2021

Seal:

Joint Stock Company Angarsk Polymer
Plant

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

FOR PRODUCT CERTIFICATES