



CERTIFICATE No. 10361-2021
POLYETHYLENE FOR TECHNICAL DEVICES
TU 38.30248-92

Batch No.	10361	OKPD2 Code	20.16.10.111
Date of manufacture	December 21, 2021	Net weight	4450.00 kg
Date of sampling	December 21, 2021		
Test date	December 22, 2021		
Designation of the regulatory documentation (RD), according to which the sample was taken	TU 38.30248-92 with amendment 1, Item 3.2		

Item No.	Name of indicator	RD for test method	Standard	Analysis result
1	Granule size	GOST 16337-77, Item 3.8	Granules and flakes with a size of 2–8 mm in any dimension, of natural or any other color depending on used dye or stabilizer	Compliant
2	Melt liquidity index, g/10 min	GOST 11645-73, GOST 16337-77, Item 3.12	from 0.2 to 15	2.3
3	Tensile strength, kgf/cm ²	GOST 11262-2017, GOST 16337-77, Item 3.17	not less than 90	guarantee
4	Tension set, %		not less than 400	guarantee
5	Mass fraction of the granules with a size from 1 to 2 mm, %	GOST 16337-77, Item 3.8	not more than 0.5	0.0
6	Other defects		not standardized	No

Note: It is allowed that granules, flakes with a size less than 1 mm to 2 mm are present; their mass fraction must not exceed 0.5%.

It is allowed that the polyethylene hue changes within one color, as well granules of other color are present.

Comments: Mass fraction of gray granules = 0.2%

Conclusion: the product complies with TU 38.30248-92

Not subject to mandatory certification.

The products are manufactured in accordance with the management systems certified for compliance with the requirements of: ISO 9001:2015 Certificate No. 31100600 QM15, ISO 50001:2018 Certificate No. 31100600 EMS18, ISO 14001:2015 Certificate No. 31100600 UM15, ISO 45001:2018 Certificate No. 31100600 OHS18.

Scope of application: Intended for the production of various technical devices, consumers' goods (valves, pipes, sanitary fittings, wrapping film material, and other devices). It is prohibited to use for the manufacturing of devices intended for the contact with food products, toys, and medical devices.

Characteristics of fire and explosion hazard: Polyethylene for technical devices as per GOST 12.1.044 is related to the group of solid materials with high smoke-producing capacity. When heating polyethylene, during the processing up to temperature up to 150 °C and in case of the contact with open fire, the formation of volatile products of thermal and oxidative destruction: organic acids, formaldehyde, acetaldehyde, carbon oxide. In case of the exposure of open flame, polyethylene inflames without explosion and burns with sooting flame with the formation of a melt.

Transportation rules: Transported by all types of transport in sheltered vehicles in accordance with the rules of cargo transportation, which are in force in this type of transport.

Storage rules: Store in closed room while avoiding the exposure of direct sunlight at a distance of not less than 1 m from heating devices.

Neutralization, disposal, and burial of wastes: Wastes that are inapplicable for recycling do not require neutralizing, are subject to removal to places agreed with authorities of the Ministry of Extraordinary Situations of the Russian Federation and Federal Service for Supervision of Consumers Protection and Welfare (Division of the Federal Service for Supervision of Consumers Protection and Welfare).

Warranty period of storage: For the polyethylene with a melt liquidity index up to 12 g/10 min: 3 years; with the melt liquidity index of 12 g/10 min – 15 g/10 min: 5 years from the date of receipt.

Chemical Analysis Laboratory Assistant of 5th
 Category (Power of Attorney No. 33/21 dated
 January 1, 2021)

Stamp here

Seal:
 PUBLIC JOINT STOCK COMPANY
 PUBLIC JOINT-STOCK COMPANY
 Quality Department
 Quality Division
 7/2
 "UFAORGSINTAZ"
 UFAORGSINTEZ

Signature

N.A. Berdinskaya

Date of certificate documentation December 22, 2021

Signature