

**UFAORGSINTEZ PJSC**

450037, Russian Federation, Republic of Bashkortostan, Ufa city  
 Quality Division, Test Center of Petrochemical Products, Raw Materials and Objects of Ecological Interest  
 Unique Record Number in the Register of Accredited Entities No. RA.RU.21VФ03  
 Laboratory of Quality Control of polypropylene production



**PASSPORT No. 23-2021**  
**TRANSITIONAL GRADES OF BALEEN**  
**(POLYPROPYLENE AND PROPYLENE COPOLYMERS)**  
**TS 2211-090-05766563-2011 as amended 1**

<b>Grade</b>	PPT-055	<b>OKPD 2 Code</b>	20.16.51.110
<b>Batch No.</b>	023	<b>Net weight</b>	4.000 t
<b>Date of manufacture</b>	25.12.2021		
<b>Date of sampling</b>	25.12.2021		
<b>Test date</b>	25.12.2021		
<b>Designation of the regulatory documentation (RD), according to which sampling done</b> TS 2211-090-05766563-2011 as amended 1			

Item No.	Name of the indicator	RD for test method	Norm	Established via the analysis results
1	Melt flow rate (230 °C / 2.16 kg), g/10min	ASTM D 1238	from 2.1 to 10	4.3
2	Mass fraction of volatile substances, %	TS 2211-090-05766563-2011, cl. 5.5	not more than 0,2	0.03

**Conclusion: the product complies with TS 2211-090-05766563-2011 as amended 1**  
**Not subject to mandatory certification.**

The products are manufactured under the guidance of the Management Systems certified for compliance with the requirements: ISO 9001:2015 Certificate No. 31100600 QM15, ISO 50001:2018 Certificate No. 31100600 EMS18, ISO 14001:2015 Certificate No. 31100600 UM15, ISO45001:2018 Certificate No. 31100600 OHS18.

**Scope of Application:** PPT is intended for the manufacture of technical and household products, consumer goods that do not have contact with food products, drinking water and are not used in the field of utility and drinking water supply. The use of PPT in the manufacture of toys and medical products is not allowed.

**Characteristics of fire and explosion hazard:** pelletized PPT as per GOST 12.1.044 is related to the group of solid combustible materials with high smoke-producing capacity. When PPT heating, during the processing up to temperature up to 150 °C, the formation of products of volatile thermal and oxidation destruction, which contain as to GOST 12.3.030 acetic acid, formaldehyde, acetaldehyde, carbon oxide. Upon contact with an open fire, it burns without explosion and with a smoky flame with the formation of a melt and the release of carbon dioxide, water vapor, and the above thermal and oxidation destruction products. Air-borne dry dust of PPT is explosive; the particle friction results in accumulating the charge of static electricity.

**Transportation rules:** PPT is transported by all types of transport in covered vehicles in accordance with the rules of cargo transportation applicable to this type of transport. PPT packed in bags, when loaded into containers according to GOST 15102 or GOST 20435, is transported in any means of transport. It is allowed, upon agreement with the consumer, to transport in bulk in railway cars and road pneumatic tanks.

**Storage rules:** PPT is stored in closed dry room while avoiding the exposure of direct sunlight at a distance of not less than 1 m from heating devices at a temperature not more than 30 °C and relative humidity not more than 80 %. Before opening, bags with PPT must be kept in the production room for at least 12 hours. It is allowed to store the PPT at the consumer's for up to 30 days in the metallic storage drums installed on outdoor sites, which exclude moisture ingress and product contamination.

**Neutralization, disposal, and burial of wastes:** waste unsuitable for recycling does not require neutralization, and is subject to removal to places agreed with the bodies of the RF Ministry of Civil Defense, Emergencies and Disaster Relief and the Federal Service for Supervision of Consumer Rights Protection and Human Welfare (Division of the Federal Service for Supervision of Consumers Protection and Welfare (Rospotrebnadzor).

**Warranty period of storage:** 3 years from the date of manufacture.

Chemical Analysis Laboratory Assistant of the 5th grade – production team leader /Signature/ Vyurova O.Yu.

(Power of attorney No. 37/20 dated 01.01.2021)

L.S. Date of passport registration: 29.12.2021

**Stamp:**  
 Public Joint Stock Company  
 UFAORGSINTEZ  
 Quality Division 0/1