POLYPROPYLENE PP 2648J

Product obtained by polymerization of propylene in presence of complex metalorganic catalysts.

It incorporates increased long-term thermal stability, thermal-oxidative degradation resistance when PP is produced, processed and PP-made articles are exploited, effective nucleation, antistatic properties.

Application: extrusion, hot shaping, jet molding.

Chemical name: Propylene homopolymer

Empirical formula: **$[-CH_2CH(CH_3)-]n$**

Technical requirements: **TU 2211-136-05766801-2006**

QUALITY	VALUE	TEST METHOD
1. Flow-melt index *(at 2.16 kg/230°C)*, g/10 min, in the range	2.4 – 3.7	ASTM D1238/L
2. Flexural modulus, MPa, min.	1500	ASTM D 790
3. Izod impact strength *(at 23 °C)*, J/m, min.	40	ASTM D 256
4. Tensile strength at yield point, MPa, min.	34	ASTM D 638
5. Elongation at yield point, %, min.	9	ASTM D 638

Additional reference ratings

QUALITY	VALUE
1. Density, kg/m^3	900
2. Packed density of pellets, kg/m^3	480-520
3. Mass fraction of ash, %	0.025-0.050
4. Thermal-oxidative aging resistance at 150 °C, h	360
5. Vicat softening point in liquid medium under force 10 H, °C	150-154
6. Thermal creep temperature at load 0.46 H/mm^2, °C	90-96
7. Rockwell hardness, R	82-95

Supply form: Pellets

Packaging: Product is packed into polyethylene or polypropylene bags (one bag net weight 25.00 ± 0.25 kg) and bundled on flat pallets with shrink film. Gross weight of a bundle is max 2 t.
PP may be packed into soft containers (big bags) sized for 400-1000 kg.
Upon agreement with a customer, PP pellets may be loaded unpacked straight into wagons for pelleted polymer materials and polymer truck-carriers, as well as may be delivered in bags by railcars.

Transportation: By all modes of transport.

Storage: Polypropylene shall be stored in enclosed dry space preventing from direct sun rays, on shelves or pallets at least 5 cm from the floor, and at least 1 m from heaters, at temperature max 30°C and relative humidity max 80%.
Prior to processing, bags with polymer shall be kept for at least 12 hrs in production area.

Nizhnekamskneftekhim Inc.
423570, Russia, Republic of Tatarstan, Nizhnekamsk
http://www.nknh.ru, nknh@nknh.ru

Export Departament:
Phone: 007 (8555) 37-78-30
Fax: 007 (495) 255-38-27