

● HDPE INJECTION MOLDING

PE2NT22-12

TU 2243-176-00203335-2007, rev.1-6

Production method: gas-phase method of ethylene copolymerization at low pressure using complex catalysts.

Application: polyethylene of PE2NT22-12 grade is intended for processing by injection molding method into products for household and domestic use.

No.	Parameter	Standard
1	Density, g/cm ³ at 23 °C	958-965
	at 20 °C	960-966
2	Melt Flow Index at 190 °C and at 2.16 kg, g/10 min.	6-9
3	MFI spread within one batch, %, maximum	± 15
4	Number of impurities, pcs, maximum	10
5	MFI _{21,6} /MFI _{2.16} ratio	20-35
6	Tensile yield strength, MPa, minimum	28
7	Tear strength, MPa, minimum	17
8	Elongation at break, %, minimum	—
9	Stress cracking resistance, hrs, minimum	—

Packaging, handling and storage are in PE and PP bags that provide product preservation and maintain their quality as per documents approved under the appropriate procedure.

Transportation by combined roofed transport in accordance with the rules of carriage valid for this mode of transport.



HDPE of PE2NT22-12 grade is a prize-winner of “Best Goods in the Republic of Tatarstan 2010” Contest.