**Technical requirements PE**

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| HDPE Grades | **Comonomer type** | **Melt flow rate** | **Density, kg / m3** | **Scope and properties** |
|  | **HDPE pipe** |  |  |  |
| Inpipe 100 | hexene-1 | 0.25-0.35 (5 kg load, g / 10 min) | 957-961 | pipe extrusion, water and gas transportation |
|  | **HDPE Film** |  |  |  |
| J53-08 N2000 | hexene-1 | 6.5-9.5 (21.6 kg load, g / 10 min) | 951-955 | all kinds of super thin film released at high line speed |
|  | **HDPE blow molding and extrusion** |  |  |  |
| В50-35Н-111 | hexene-1 | 0.3-0.4  (2.16 kg of loading, g / 10 min) | 948-952 | packaging products for household chemicals, containers for drugs and cosmetics |
| НР50-25-155 | hexene-1 | 0.18-0.26  (2.16 kg load, g / 10 min) | 949-953 | shock forming, packaging up to 30 lt for chemicals and large household goods |
|  | **HDPE Grades for injection molding** |  |  |  |
| Т60-475-119 | hexene-1 | 4-5.6  (2.16 kg load, g / 10 min) | 959-963 | technical details of garbage containers |
| Т50-500 | hexene-1 | 5.4-7.6  (2.16 kg load, g / 10 min) | 951-955 | buckets, shopping cart, wheel hubs, injection molding of general purpose goods. |
|  | **HDPE for textile products** |  |  |  |
| А4009МFN1325 | hexene-1 | 0.7-1.1  (2.16 kg of loading, g / 10 min) | 958-962 | Extrusion of high-strength monofilament yarns and tapes, as well as the line of food products, injection molding |

PP Grades

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| **PP Grades** | **Comonomer type** | **Melt flow rate (at 230 ° С 2.16 kg), g / 10 min** | **Density, g / cm3** | **Scope and properties** |
|  | **Film** |  |  |  |
| L H3066-03.O | homopolymer | 2,9-3,9 | 0,90-0,91 | production of biaxially oriented polypropylene film (BOPP), as a resin for laminating film and wrapper for snacks / bakery products, production of metallized film |
|  | **Textile products** |  |  |  |
| L Н5072-03.O | homopolymer | 3,0-4,0 | 0,90-0,91 | The production of elongated tape (raffia), which is used for: the production of woven cloth, for basic, burlap;  industrial applications; production of geotextiles, tows and twine. |
| L Н5088-25G.О | homopolymer | 21,0-29,0 | 0,90-0,91 | yarn, the fiber of which is used in the production of a covering thread for carpets. |
|  | **Extrusion Molding** |  |  |  |
| L H3150-02.O | homopolymer | 2,1-2,9 | 0,90-0,91 | thermoforming and extrusion pneumatic forming for the production of packaging products |
|  | **Injection** |  |  |  |
| L R7175-35.Р | copolymer | 30,0-40,0 | 0,885-0,905 | manufacture of packaging and household utensils |