

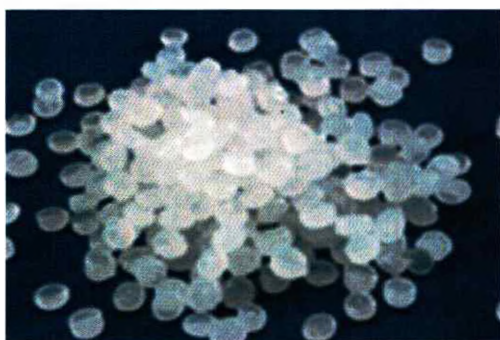
Cooperation Offer JSC "Naftan"

JSC "Naftan" plant "Polymir" testifies its respect to you and your company!

Let me express the interest of Naftan OJSC in establishing mutually beneficial cooperation in the supply of products to the Islamic Republic of Pakistan market and we invite you to consider the possibility of supplying the following products to your address:

a) Low density polyethylene (Code for LDPE – 3901109000)

Polyethylene is made by free radical ethylene polymerization in tubular and autoclave reactors at 1600-2100 atm pressure. It is produced as base grades and compositions.



LDPE base grades: 10303-003, 10903-020, 15803-020, 12203-250, 17703-010

- manufacture of film and film goods for food, medical, agricultural goods and reactants packing;
- blow articles, pressure pipes;
- injection molded small-and large size, elongated profiles.

Package – 25 kg polypropylene bags.

The price for the goods is set basing on the situation on the world markets of polyethylene and will be sent additionally.

b) Acrylic tow and fiber Nitron-D



Plant "Polymir" can offer you the wide range of acrylic fibers that are produced according to SNIA BPD process, Italy (acrylic tow and fiber Nitron-D).

HS code for acrylic fiber and tow Nitron-D:

5501300000 – acrylic tow;

5503300000 – acrylic fiber.

The sustained quality and technical characteristics of the manufactured acrylic fiber and tow makes it possible to process it easily at any technological line and at any downstream plants and enterprises. Acrylic fibers can be used as it is (to produce 100 % acrylic yarn), as well as blended with various synthetic, man-made and natural fibers. Acrylic fiber can be used in production of:

- yarn;
- fabrics, curtaining, upholstery;
- knitwear;
- man-made fur;
- carpets;
- technical products;
- plaids and blankets.

The wide range of manufactured acrylic fibers can satisfy the demand from wide range of downstream industries:

- raw white bright and semi dull;

- dyed fiber and tow, painted into a wide range of colors by using liquid cationic dyes that ensure color fastness;
- tow and staple fibers;
- various nominal linear density of fibers ranging from 1,3 to 25 dtex.

Grades of acrylic tow / fiber Nitron-D:

- ND-1 – bright, undyed
- ND-4 – bright surface – dyed
- ND-5 – semi-dull, undyed
- ND-6 – semi-dull, surface – dyed, super bleached

Technical characteristics

<i>Parameter</i>	<i>Norm for the fibre 1st sort</i>
Nominal linear density of fiber, tex	0,13; 0,17; 0,22; 0,28; 0,33; 0,56; 0,67; 0,78; 1,1; 1,7; 2,5
Nominal linear density of tow, ktex	102, 106, 110, 117, 119, 123, 128, 137, 138
Nominal cut length, mm	32; 38; 51; 64; 75; 102; 128; 152
Relative strength of filament, mN/tex, not less than,	157 – 245
Breaking Elongation, %, for nominal linear density of fiber tex 0,13; 0,17; 0,22 tex 0,28; 0,33 tex 0,67-2,5	24 – 50 34 – 55 34 – 65
Relative strength of filament in knot, mN/dtex, not less than	75 – 108
Deviation of actual fiber /tow linear density from nominal value, %, not more than, for nominal linear density of fiber 0,13; 0,17; 0,28 tex 0,33; 0,56; 0,67; 0,78; 1,1; 1,7; 2,5 tex	± 8 ± 6
Deviation of actual cut length of fiber from nominal value, %, not more than	+6 / -5
No. of crimps per 1 cm for nominal linear density of fiber 0,13; 0,17 tex 0,22 0,28 0,33; 0,56; 0,67; 0,78; 1,1; 1,7; 2,5 tex	3 – 5 2 – 4,5
Linear Shrinkage, %, not more than, for nominal linear density of fiber 0,13; 0,17; 0,22; 0,28; 0,33 tex 0,56; 0,67; 0,78; 1,1; 1,7; 2,5 tex	5 4,5
Share of finishing oil and antistatic, %	0,3 – 0,7
Whiteness of fiber and tow, %, not less than, for grades and for nominal linear density of fiber: ND-1; ND -5: 0,13; 0,17; 0,22; 0,28; 0,33; 0,56; 0,67; 0,78 tex ND -1; ND -5: 1,1; 1,7; 2,5 tex ND -6 (optical white) 0,17; 0,22; 0,28; 0,33; 0,56; 0,67; 0,78; 1,1; 1,7; 2,5 tex	70 63 100
Share of dust when processing, % not more	0,010
Share of glued filaments, % not more	0,001
Share of rough filaments, % not more	0,1
Share of uncut fiber, %, not more than	0,005

<i>Parameter</i>	<i>Norm for the fibre 1st sort</i>
Looseness	хорошая
Actual humidity, % not more	2
Share of residual dimethylformamide content, %, not more for grades ND-4, ND-5	0,10
Packing of fiber and tow – in polypropylene bales, kg	150 – 235
Bale dimensions, mm	1200x800x550
Quantity of breaks in a bale, not more than *	2

* the number of these bales and cartons has to be not more than 10% in one lot

The shipping of the goods can be organized on FCA basis. Payment term is 100 % payment in advance. Payment can be made in Euro, Russian rubles or other currency that can be agreed additionally.

The price for the goods is set basing on the situation on the world markets of acrylic fiber and will be sent additionally.

When placing orders for dyed acrylic tow and fiber the additional payments to the price of basic grade are applied depending on the ordered color. The minimal lot of dyed acrylic tow and fiber Nitron-D is 60 tons (for a single color).

Acrylic tow and fiber can be shipped by both containers and vehicles. The minimal lot of row white acrylic fiber is about 20 tons – for vehicles, and about 25 tons – for 40ft High Cube container. The minimal lot of acrylic tow or fiber Nitron-D 1,3 – 2.2 dtex is 90 tons. There is an additional payment to the price for basic grade (ND-1 3.3 dtex raw white bright) for production of 1,3 – 2,2 dtex (which is 30 Euro/t).

For more details on the technical characteristics of the manufactured chemical products, please, follow the link <http://www.polymir.by/>.

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