

ABOUT US

• 1) Supply • 2) Logistic Services we tried to improve our customers services.

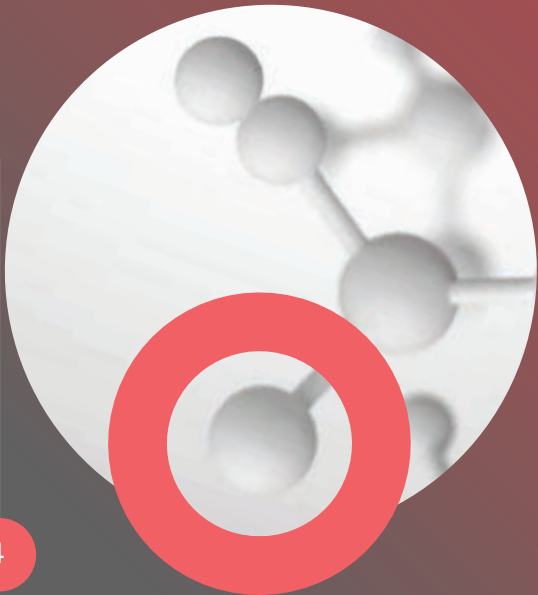
1) Supply:

In supply field. we have direct connection with most petrochemical complexes in Iran, in order to continuously supply our customers based on their demand Attend in Iranian petrochemical tenders held by petrochemical companies such as Jam, Bakhtar Marun Amirkabir, Laleh, Khalijefars. Tabriz and PGPC, is one of the polymer seller group means to supply products to our customers.

2) Logistic:

In logistic field, because of communication with wide range of shipping and transport companies. it's possible for us to serve customers with various delivery terms based on their demands Also if customers prefer to carry products with foreign transport without naming Iran in the logistic documents. we can arrange it.

HDPE Products



INDEX

- HDPE Film
- HDPE Pipe
- HDPE Blow Molding
- HDPE Injection
- HDPE Caps & Closures
- HDPE Yarn



HDPE FILM

Typical Application

- Blown films with paperlike quality
- Carrier bags, counter bags
- Wrapping films
- Food packing



GRADE	PRODUCER	MFR	DENSITY
7000 F	Bakhtar-Mehr-Illam	0.04 (2.16 kg)	0.952
EX 5	Jam-Marun-Bakhtar	0.28 (5 kg)	0.946
HFI 5110	Arya Sasul	10 (21.6 kg)	0.951





HDPE PIPE

Typical Application

- Pressure pipes
- Water oioes
- Gas pipes
- Waste & sewer pipes

GRADE	PRODUCER	MFR	DENSITY
PE 80 ⁺	Arya Sasol	0.22 (5 kg)	0.944
(EX 3) PE 100	Amir Kabir (AKPC)	0.22 (5 kg)	0.944
HMCRP 100 N	Jam	0.22 (5 kg)	0.948
HMCRP 100 B	Shazand	0.22 (5 kg)	0.957
7700 M (PE-100)	Ilam	0.27 (2.16 kg)	0.949



HDPE BLOW MOLDING

Typical Application

- Container
- Carrier bags, counter bags
- Wrapping films
- Food packing

GRADE	PRODUCER	MFR	DENSITY
HB 0035	Bandar imam (BIK)	0.35 (2.16 kg)	0.959
BL 3	Jam-Marun-Bakhtar	1.2 (5 kg)	0.954
HBM 5510	Arya Sasol	0.75 (2.16 kg)	0.955





HDPE INJECTION

Typical Application

- Fish boxes
- Crates and tote boxes
- House wares

GRADE	PRODUCER	MFR	DENSITY
52505 UV	Jam	5 (2.16 kg)	0.952
HD 6070 UA	Tabriz	7 (2.16 kg)	0.960
62N07	Bakhtar	7 (2.16 kg)	0.958
HD 60507	UV Jam	7.5 (2.16 kg)	0.958
HD 52518 J	am/Bakhtar	18 (2.16 kg)	0.952
52528	Jam	28 (2.16 kg)	0.925





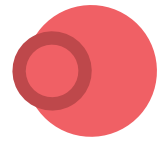
HDPE CAPS & CLOUSER

Typical Application

- Hot filled carbonated soft drink
- Beverage caps
- Beverage bottle caps of sparkling water

GRADE	PRODUCER	MFR	DENSITY
HD 5030 SA	Bakhtar-Tabriz	2.2 (2.16 kg)	0.951





HDPE CAPS & CLOUSER

Typical Application

- Fishing net
- Rope
- Tarpaulin
- Woven sack

GRADE	PRODUCER	MFR	DENSITY
HD 5000 S	Jam	0.8 (2.16 kg)	0.954



MDPE Products

MDPE ROTOMOLDING

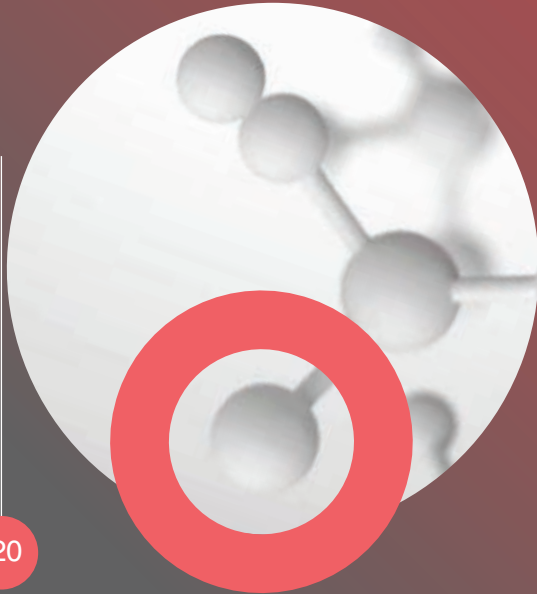
Typical Application

- Large Containers
- Septic tanks

GRADE	PRODUCER	MFR	DENSITY
3840 UA	Tabriz-Shazand- Bakhtar	4 (2.16 kg)	0.954
HBM 4265	Arya Sasul	6.5 (21.6 kg)	0.944

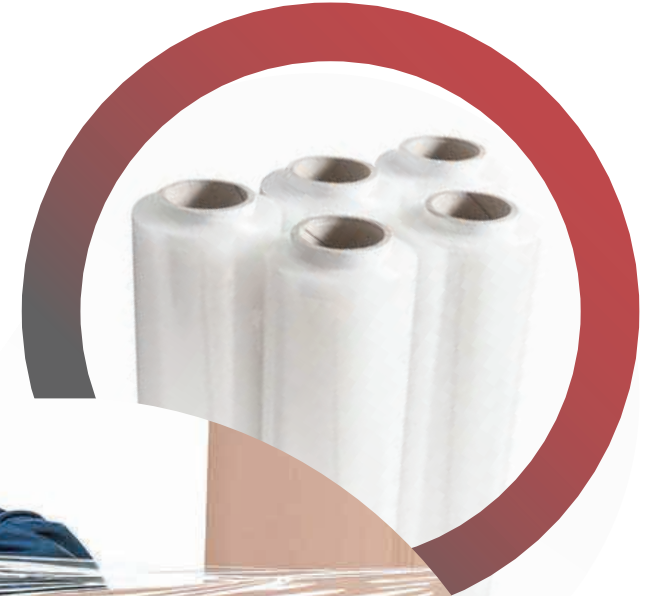


LDPE Products



INDEX

- LDPE
- LDPE Film





LDPE FILM

Typical Application

- Food packing
- Shrink film
- Cast film
- Bags and pouches
- Carrier bags
- General purpose bags



GRADE	PRODUCER	MFR	DENSITY
LFI 2130	Arya Sasul	0.3 (2.16 kg)	0.921
L 2100 TN 00	Laleh	0.3 (2.16 kg)	0.921
2420 D	Amir Kabir (AKPC)	0.25 (2.16 kg)	0.923
LH 0075	Bandar Imam (BIK)	0.75 (2.16 kg)	0.922
2420 F	Amir Kabir (AKPC)	0.75 (2.16 kg)	0.923
LFI 2185A	Arya Sasul	0.85 (2.16 kg)	0.921
LF 0190	Arya Sasul	1.9 (2.16 kg)	0.924
2420 H	Amir Kabir (AKPC)	1.9 (2.16 kg)	0.924
L 2102 TX 00	Laleh	1.9 (2.16 kg)	0.921
LFI 2119	Arya Sasul	1.9 (2.16 kg)	0.921
LF 0200	Bandar Imam (BIK)	2 (2.16 kg)	0.922
2420 E 02	Bakhtar	2 (2.16 kg)	0.921
LFI 2125 A	Arya Sasul	2.5 (2.16 kg)	0.921
2420 K	Amir Kabir (AKPC)	4 (2.16 kg)	0.924





LDPE INJECTION APPLICATION

Typical Application

- Toys
- House Hold Articles
- Clamping Lids



GRADE	PRODUCER	MFR	DENSITY
1922	Arya Sasul	0.22 (2.16 kg)	0.919



LLDPE Products



LLDPE FILM

Typical Application

- Heavy duty plastic bags
- Freezer bags
- Hand bags
- Packing
- Agricultural film



GRADE	PRODUCER	MFR	DENSITY
LL 235 F6	Jam	0.6 (2.16 kg)	0.922
LL 0209 AA/KJ	Shazand/Tabriz/Amir Kabir	0.9 (2.16 kg)	0.921
LL 22B01 AA	Bakhtar	1 (2.16 kg)	0.920
LL 22B02 AA	Bakhtar	2 (2.16 kg)	0.920
LL 22B03 AA	Bakhtar	3 (2.16 kg)	0.920
LL 18B03	Bakhtar	3 (2.16 kg)	0.918
LL 0220 AA/KJ	Tabriz	2.4 (2.16 kg)	0.921



PP Products



PP (Homo Polymer)

Typical Application

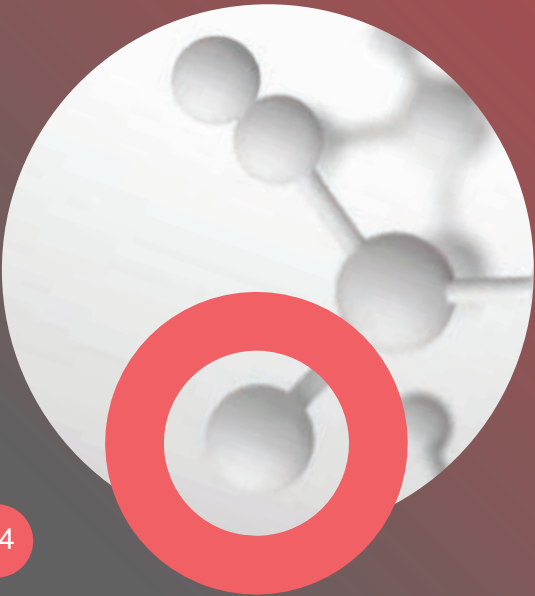
- Heavy Duty Jumbo bags
- Furniture
- Caps
- Closures



GRADE	PRODUCER	MFR	DENSITY
Hp 550 J	Jam PP, Marun, Shazand	3.2 (2.16 Kg)	0.9
C 30 S	Marun	6 (2.16 Kg)	0.9
ZH 510 L	Navid Zar Chimi	5-7 (2.16 Kg)	0.9
ZR 348 U	Navid Zar Chimi	7-10 (2.16 Kg)	0.9
HD 225	Tabriz	22 (2.16 Kg)	0.9
HP 552 R	Jam PP, Marun, Shazand	25 (2.16 Kg)	0.9
1102 XL	Regal	5.5 (2.16 Kg)	0.9
1102 XK	Regal	4 (2.16 Kg)	0.9



PP Products



PP CO POLYMER



PP (Co Polymer)

Typical Application

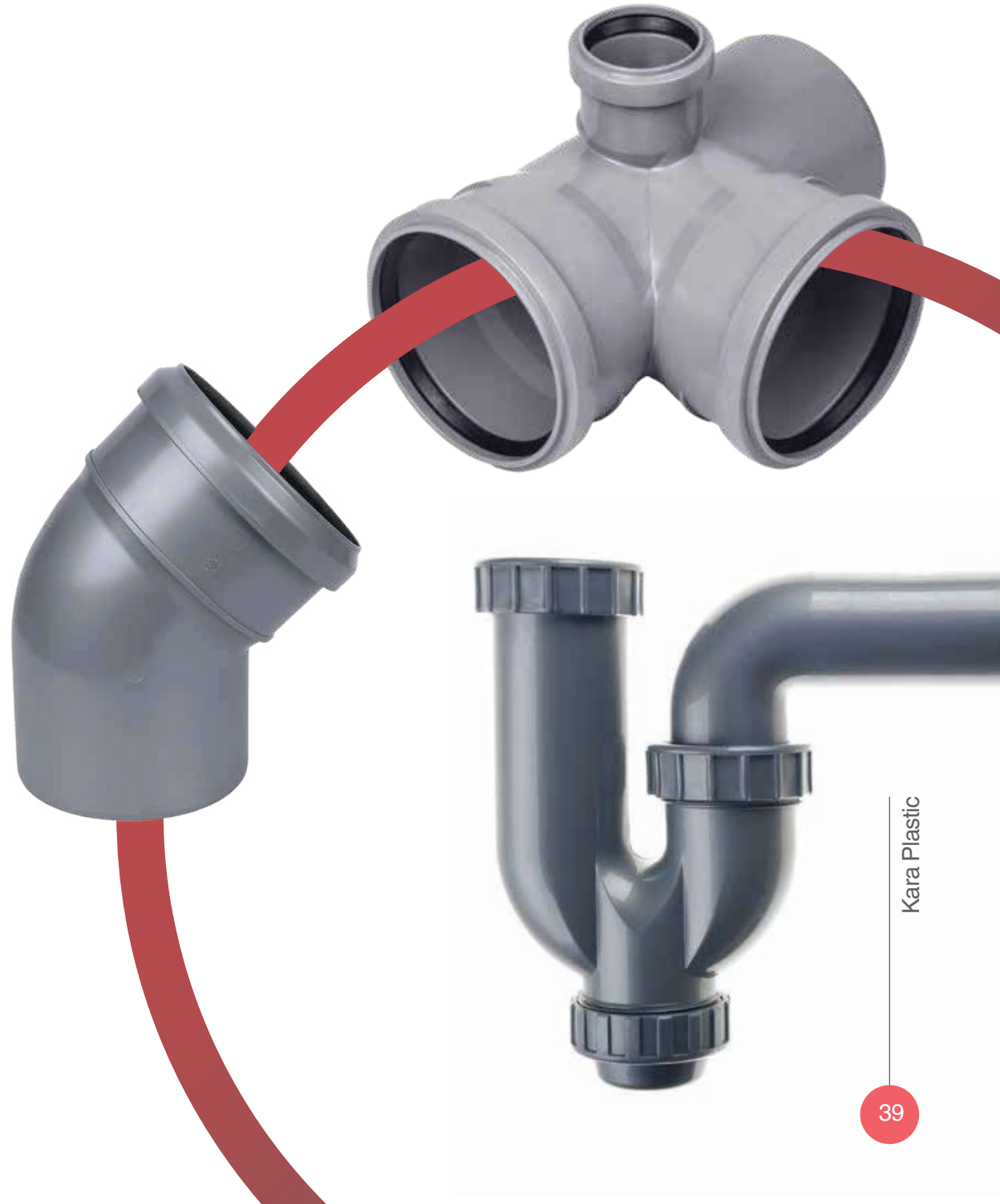
- Lamination
- Packaging of stationary
- Packaging of food
- Containers
- Filters



GRADE	PRODUCER	MFR	DENSITY
EP 440 G	Jam PP	1.3 (2.16 Kg)	0.9
EP 440 L	Jam PP	6 (2.16 Kg)	0.9
EP 548 R	Jam PP	21 (2.16 Kg)	0.9
RP-345 S	Jam PP	40 (2.16 Kg)	0.9
EP 548 T	Jam PP	50 (2.16 Kg)	0.9
RP 210 G	Shazand	1.8 (2.16 Kg)	0.9
RP 270 G	Shazand	1.8 (2.16 Kg)	0.9



PP Products





PP PIPE

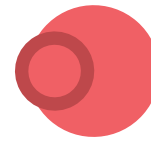
Typical Application

- Industrial pressure pipe
- Hot & cold water supply
- Services pipes
- Industrial water conversance

GRADE	PRODUCER	MFR	DENSITY
MR 230	Marun	0.3 (2.16 Kg)	0.9
PNR 230 C	Polynar	0.3 (2.16 Kg)	0.9
ZR2 30 C	Navid Zar Chimi	0.35 (2.16 Kg)	0.9
3212 E	Regal	0.25 (2.16 Kg)	0.9



SBR Products



SBR

Typical Application

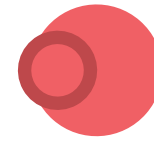
- Mechanical goods
- Tires
- Molded and extruded mechanical rubber goods
- Foot wear
- Light and dark colored mechanical goods



GRADE	PRODUCER	VISCOSITY	OIL CONTENT	BOUND STYRENE
SBR 1502	Bandar Imam (BIK)	46 - 58	0	22.5-24.5
SBR 1712	Takhte Jamshid	42-52	37.5	23.5



SBR Products



PBR TJPC

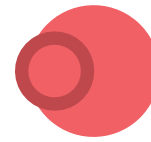
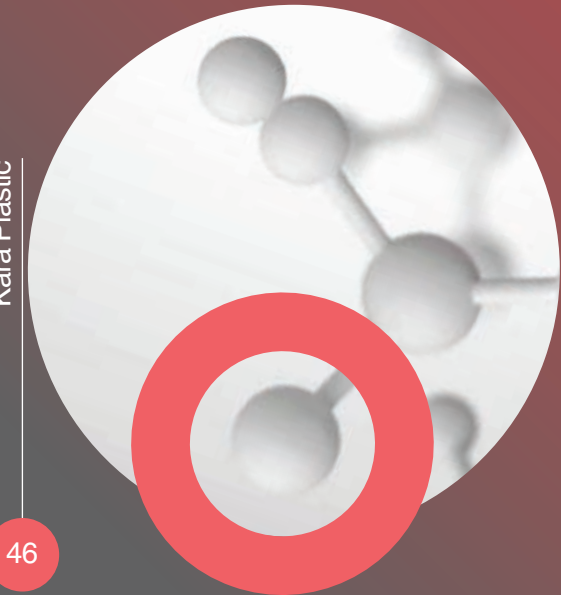
Typical Application

- Mechanical goods
- Tires
- Molded and extruded mechanical rubber goods
- Foot wear
- Light and dark colored mechanical goods

Product Name substances	Maximum percentage of volatile	Mooney viscosity (ML 1+4 @ 100 °C)	Application
TJPC 1220	0/75	41_49	Car tires, conveyor belts, shoe soles, cables and other rubber items
TJPC 1220C	2	43_53	Car tires, conveyor belts, shoe soles, cables and other rubber items
TJPC 1202	0/75	30_40	HIPS with low gel percentage, suitable for production

HIPS

Products



HIPS

Typical Application

- Packaging containers
- Egg box
- Industrial parts
- Fridge doors
- Freezer and refrigerator line



GRADE	PRODUCER	MFR	DENSITY
HIPS 7240	Tabriz	97	4.5 (5 Kg)
HIPS 7055	Petro Paak	92	4.4 (5 Kg)
HIPS 4125	Petro Paak	93	12 (5 Kg)



GPPS Products

GPPS

Typical Application

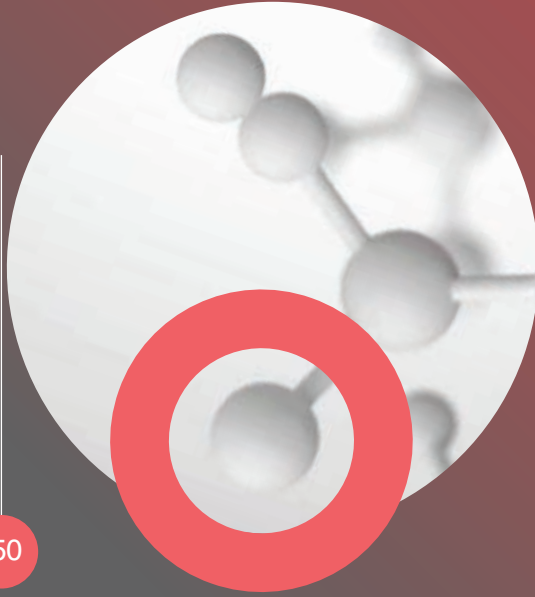
- Shower cabinet
- Disposable cups
- Food container
- Pen bodies



GRADE	PRODUCER	MFR	VICATE SO
GPPS 1160	Tabriz	2.5 (5 Kg)	104
GPPS 1460	Tabriz	6 (5 Kg)	103
GPPS 1540	Tabriz	11 (5 Kg)	91
GPPS 1018	Petro Paak	1 (5 Kg)	105
GPPS 1028	Petro Paak	2.4 (5 Kg)	102
GPPS 1034	Petro Paak	3.1 (5 Kg)	90
GPPS 1038	Petro Paak	3.1 (5 Kg)	101
GPPS 1047	Petro Paak	4.2 (5 Kg)	100
GPPS 1067	Petro Paak	5.5 (5 Kg)	100
GPPS 1077	Petro Paak	7 (5 Kg)	100
GPPS 1084	Petro Paak	8 (5 Kg)	91
GPPS 1115	Petro Paak	11 (5 Kg)	91
GPPS 1144	Petro Paak	14 (5 Kg)	92
GPPS 1233	Petro Paak	23 (5 Kg)	85
GPPS 1551	TJPAPC	9 (5 Kg)	92
GPPS 1161	TJPAPC	4 (5 Kg)	104

EPS

Products



TABRIZ

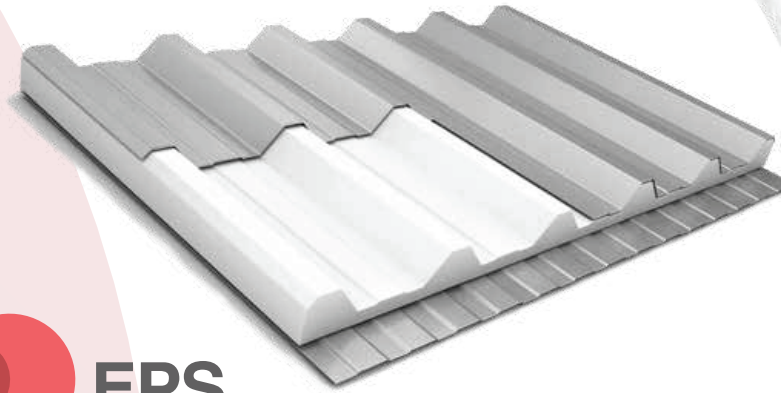


EPS

Typical Application

Types & Grade	Producer	Bead size (mm)	Typical end product density (kg /m3)	Typical application
121 HS	TPC	1.8 – 2.5	13 _ 25	Low density blocks
221 HS	TPC	1.0 _ 1.8	14 _ 30	Low Medium density blocks
321 HS	TPC	0.7 _ 1.0	18 _ 30	Shape molding with wall thickness > 10 mm, and medium _ high density blocks

PETROMOL



EPS

Typical Application

Grade	Bead size (mm)	Preexpansion Density (Kgf/cm ²)	Foam Multiple	Foam Density (g/L)	Usage
F50	1.6 - 1.9	11	60 - 75	10 - 20	Insulation, big packing products
F100	1.3 - 1.6	13	47 - 65	14 - 22	Insulation, big packing products
F150	0.9 - 1.3	14	42 - 60	16 - 30	Medium-density Insulation, middledensity packing
F250	0.7 - 0.9	15	35 - 55	20 - 35	Medium-density Insulation, special use products
F350	0.47 - 0.7	16	28 - 50	22 - 40	High-density Insulation, special use products
F450	0.3 - 0.47	17	24 - 45	23 - 42	High-density Insulation, special use products

BANIAR

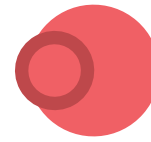


EPS

Typical Application

Grade	Bead size (> 99.0%)mm	Preexpansion Density (g/l)	Blowing Agent Content wt%	Moisture Content wt%	k-value ** × 10-3 W/mk
F-1000	1.4_2.0	11-12	> 6.0 <	0.80	55.5_57.5
F-2000	0.9_1.4	12-14	> 6.0 <	0.80	55.5_57.5
F-3000	0.7_1.0	14-16	> 6.0 <	0.80	55.5_57.5
F-4000	0.5_0.8	16-18	> 6.0 <	0.80	55.5_57.5

ABS Products



ABS

Typical Application

- Office Supplies
- Home appliances casing
- Heat resistant home
- Printing



GRADE	PRODUCER	VICATE SOFTENING	IZOD IMPACT	MFR
SD 0150	Tabriz	99	22	1.7 (5 Kg)
ABS-40	Ghaed basir	92	30	2 (5 Kg)
ABS-50	Ghaed basir	95	23	3.4 (5 Kg)
ABS-70	Ghaed basir	100	26	1.5 (5 Kg)



PVC Products



PVC

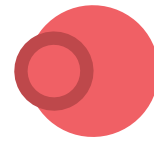
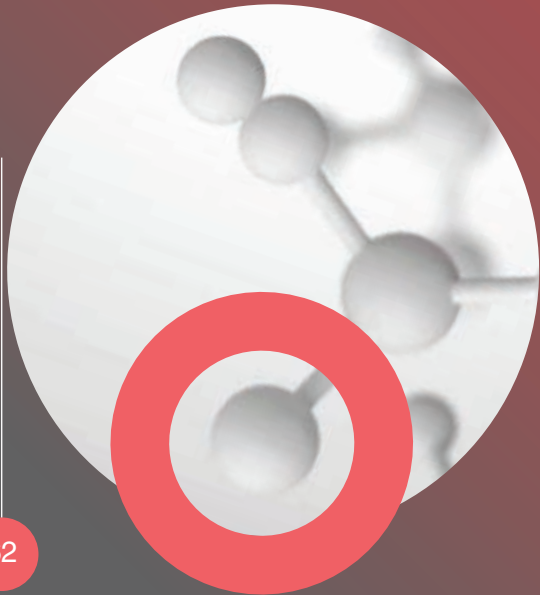
Typical Application

- Extrusion of flexible section and hoses
- Cable industry
- Injection molding
- Windows profile
- Electric wires

GRADE	PRODUCER	K- VALUE	BULK DENSITY
S 57	Abadan	57	500-560
S 65	Bandar Imam (BIK), Arvand, Ghadir	65	540-600
S 70	Abadan, Hegmataneh	70	445-505
E 6834	Arvand	67-69	-



PC Products



PC

Typical Application

- Windows
- Helmet
- Instrument cases and mechanical goods

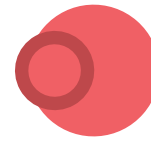
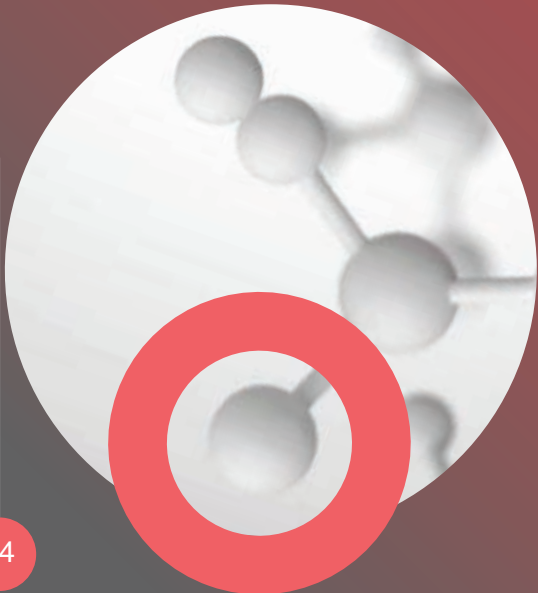


GRADE	PRODUCER	MFR	DENSITY
PC 0712	Khozestan	1.2	7.1 - 12



PET

Products



PET POLYETHYLENE TEREPHTHALATE

Typical Application

- Packaging all kinds of carbonated drinks
- Packaging food
- Edible oil
- Carbonated water



GRADE	PRODUCER	VISCOSITY	DENSITY
PET 645-Textile grade	Tondgooyan	0.64	1.4 + - 0.4
PET 781-Bottle grade	Tondgooyan	0.78	1.5
PET 785-Bottle grade	Tondgooyan	0.78	2.0
PET 821-Bottle grade	Tondgooyan	0.82	1.5
PET 825-Bottle grade	Tondgooyan	0.82	2.0



SHIRAZ PETROCHEMICAL COMPANY

PRODUCT: Prilled Urea (GRADE A)

SPECIFICATION

	Property	Units	Test Method	Value
1	Nitrogen Content	wt %	ISO 5315	MIN. 46
2	Moisture	wt %	ISO 2753	0.3 MAX.
3	Biuret	wt %	ISO 2754	1 MAX.
4	Particle Size (1-2.84 mm)	%26	ISO 8397	90 MIN.
5	Conditioning Agent	Anti-Cake or Formaldehyde Treated		

SHIRAZ PETROCHEMICAL COMPANY

PRODUCT: Technical Prilled Urea (GRADE B)

SPECIFICATION

	Property	Units	Test Method	Value
1	Nitrogen Content	wt %	ISO 5315	46 MIN.
2	Moisture	wt %	ISO 2753	0.3 MAX.
3	Biuret	wt %	ISO 2754	1 MAX.
4	Particle Size (1-2.84 mm)	%	ISO 8397	90 MIN.

SHIRAZ PETROCHEMICAL COMPANY

PRODUCT: Granular Urea

SPECIFICATION

	Property	Units	Test Method	Value
1	Nitrogen Content	wt %	ISO 5315	MIN. 46
2	Moisture	wt %	ISO 2753	0.3 MAX.
3	Biuert	wt %	ISO 2754	1 MAX.
4	Particle Size (2-4 mm)	%	ISO 8397	90 MIN.
5	Formaldehyde	wt %	BS 6806-1	0.55 MAX.

SHIRAZ PETROCHEMICAL COMPANY

PRODUCT: Ammonia

SPECIFICATION

	Property	Units	Test Method	Value
1	PURITY	wt %	BS 4431	99.9 MIN

معرفي محصول آمونياك

آمونياك مهمترين تركيب هيدروژني عنصر ازت مي باشد كه تركيبات آن در طبيعت موجود بوده و همچنين از تجزيه مواد آلي ايجاد مي گردد. بر اساس نظريه هاي دانشمندان آمونياك و تركيبی از گازهاي متان، در ۴ ميليارده سال قبل و زمان پيدايش زمين در اتمسفر وجود داشته و بطور طبيعي آمونياك در متابوليسم اسيد نوكلئيك و پروتئين جانداران وجود دارد.

آمونياك به شكل گاز و مايع وجود داشته و گاز آمونياك از هوا سبكتر، بي رنگ، بسيار تندو زننده است اشك آور بوده و در تماس با پوست سوختگي شديد ايجاد مي كند.

بيشترين موارد استفاده از آمونياك در تهيه كودهاي شيميايي بوده كه بيش از نيمي از توليد جهاني آمونياك را شامل مي شود و باقيمانده در ساير بخش هاي صنعتي، توليد مواد منفجره، تكنولوژي، حفاري و انتقال گاز به كار گرفته مي شود.

SHIRAZ PETROCHEMICAL COMPANY

PRODUCT: Agriculture Ammonium Nitrate

SPECIFICATION

	Property	Units	Test Method	Value
1	Nitrogen Content	wt %	BS 4267-2	34.3 MIN.
2	Moisture	wt %	IBS 4267-6	0.2 MAX.
3	Anticake	wt %		0.05 MIN.
4	Particle Size (1-4mm)	%	BS 5551-3.5	96 MIN.
5	SO4	wt %	BS 4267-9	0.15 MIN.

SHIRAZ PETROCHEMICAL COMPANY

PRODUCT: Methanol

SPECIFICATION

	Property	Units	Test Method	Value
1	PURITY	wt %	CALCULATED	99.85 MIN
2	H2O	wt %	ASTM E 203	0.1 MAX.
3	Color	Apha	ASTM D 1209	5 MAX.
4	Carbonisable	Apha	ASTM E 346	5 MAX.
5	Sp. Gr. @ (20/20 °C)	---	ASTM D 891	0.792-0.793
6	Acidity (As CH3-COOH)	wt %	ASTM D 1613	0.003 MAX.
7	Alkalinity (As NH3)	wt %	ASTM D 1614	0.003 MAX.
8	Hydrocarbons	---	ASTM D 1722	Passes Test
9	Fe	Wt.ppm	ASTM D 1068	0.05 MAX.
10	Chloride	Wt.ppm	ASTM D 512 80	0.2 MAX.
11	Distillation Range	°C	ASTM D 1078	1 MAX.
12	Permanganate Time	Minutes	ASTM D 1363	50 MIN.
13	Acetone	Wt %	ASTM E 346	0.003 MAX.
14	Odour	---	ASTM D 1296	Non Residual
15	Non Volatile Matter	mgr/100ml	ASTM D 1353	2 MAX.
16	Appearance	---	-	Clear Free From Suapended Matter
17	Miscibility	---	ASTM D 1722	Passes Test