

We are here to do
Polymer Business
in new Method

Five Star General S.L.

Polymer Catalogue



FIVE STAR
General S.L.

Commercial & Engineering

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PE

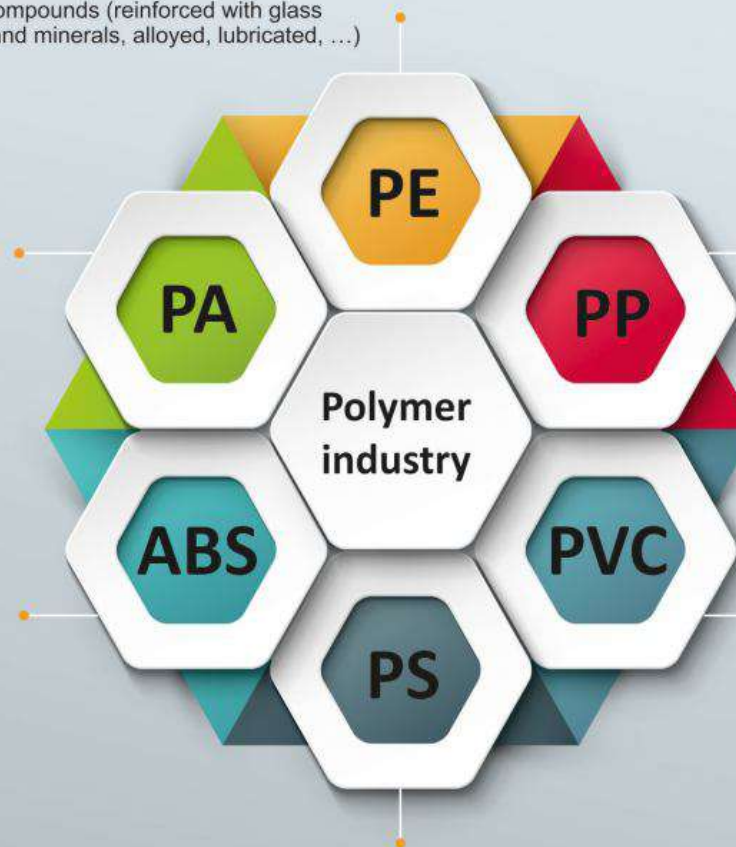
- HDPE
- MDPE
- LDPE
- LLDPE
- PE Compounds (reinforced with glass fiber and minerals, alloyed, lubricated, ...)

PA

- PA6 compounds (reinforced with glass fiber and minerals, alloyed, impact modified, lubricated, ...)
- PA66 compounds (reinforced with glass fiber and minerals, alloyed, impact modified, lubricated, ...)

ABS

- Natural



PP

- Homopolymer
- Copolymer
- Random copolymer
- PP Compounds (reinforced with glass fiber and minerals, alloyed, lubricated, ...)

PVC (Powder & granuk)

- PVC suspension
- PVC emulsion

PS

- General purpose- GPPS
- Hi impact- HIPS
- Expandable- EPS
- PS Compounds (reinforced with glass fiber and minerals, alloyed, lubricated, ...)



About Us:

Five Star General S.L., is one of the main suppliers of petrochemical products, including polymer materials in Spain.

We have established a worldwide network from many Petrochemical plants, Additives and Masterbatch manufacturers to supply best quality polymers with competitive prices to our customers and factories for manufacturing of final products in various industries.

This catalog present some of the polymer grades, but our supplying grades is not limited to them, and by sending the analysis of your current grades and consultation with our technical experts, similar polymers for replacing would be introduced.

Logistic:

The products can be shipped globally to all countries in Europe, Asia, Africa, and so on, in the shortest time. Our company almost accept all delivery terms such as Ex-work, FCA, FOB, CIF and so on.

Technical Consultant:

Five Star's polymer experts are ready to offer technical consultation for better selection of suitable polymer grades for your applications to replace your current expensive grades, which meats your technical needs as well as reducing the cost of raw materials to fulfill your financial exception and make you the leader of market.

We are here and stay beside you to:

Reduce your Costs & Improve your Quality

POLYMER

HDPE

Products

Index:

- HDPE Film
- HDPE Pipe
- HDPE Blow Moulding
- HDPE Injection
- HDPE Caps&Clouser
- HDPE Yarn



HDPE FILM

Typical Application

Blown films with paperlike quality
Carrier bags, Counter bags
Wrapping films
Food packing

GRADE	MFR	DENSITY
7000f	0.04 (2.16 kg)	0.952
EX5	0.28 (5 Kg)	0.946
HFI5110	10 (21.6 Kg)	0.951



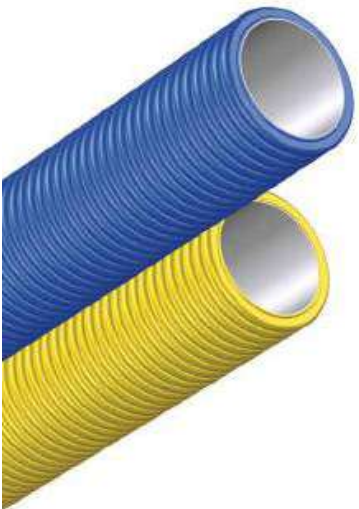
HDPE PIPE

Typical Application

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

GRADE	MFR	DENSITY
EX3 (PE80)	0.43 (5 kg)	0.945
EX3 (PE100)	0.45 (5 Kg)	0.945
HMCRP 100N	0.22 (5Kg)	0.948
HMCRP 100B	0.22 (5 Kg)	0.957

HDPE
PIPE



HDPE BLOW MOULDING

Typical Application

Containers

Blow molding bottles

Packing of pharmaceuticals

GRADE	MFR	DENSITY
HB 0035	0.35 (2.16 kg)	0.959
BL3	1.2 (5 Kg)	0.954
BL4	9.5 (21.6 Kg)	0.951

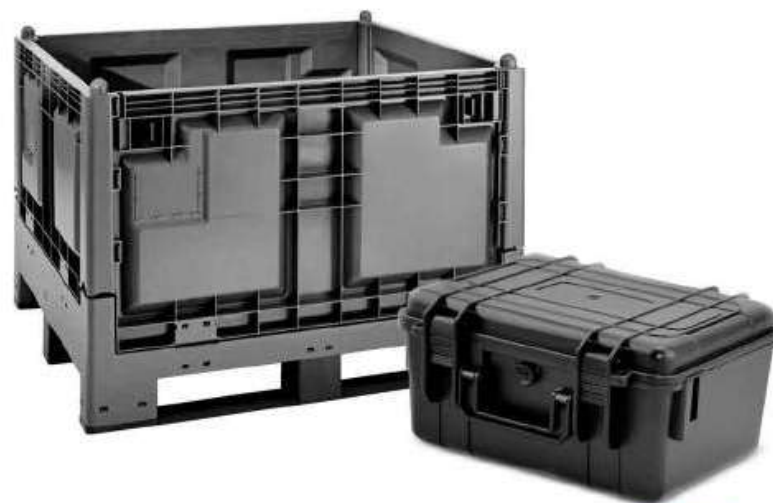


HDPE INJECTION

Typical Application

Fish boxes
Crates and tote boxes
House wares

GRADE	MFR	DENSITY
52505UV	5 (5 Kg)	0.952
HD6070EA	7 (5 Kg)	0.958
HD60507UV	7.5 (5 Kg)	0.958
52511	11 (5 Kg)	0.952
HD52518	18 (5 Kg)	0.952
52528	28 (5 Kg)	0.925



HDPE CAPS & CLOUSER

Typical Application

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

GRADE	MFR	DENSITY
CC52502	2 (5 Kg)	0.952
HD5030SA	3.1 (5 Kg)	0.951



HDPE CAPS & CLOUSER



HDPE YARN

Typical Application

- Fishing net
- Rope
- Tarpaulin
- Woven sack

GRADE	MFR	DENSITY
HD5000S	0.8 (5 Kg)	0.954



HDPE YARN



POLYMER

MDPE ROTOMOLDING

Typical Application

Large containers
Septic tanks

GRADE	MFR	DENSITY
3840UA	4 (2.16 Kg)	0.938
38504UV	4 (2.16 Kg)	0.938
LL32604UV	4 (2.16 Kg)	0.932



POLYMER



Index:

- LDPE
- LDPE Film



LDPE

Products

LDPE

Typical Application

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

GRADE	MFR	DENSITY
LH0075	0.75 (2.16 Kg)	0.922
2420F	0.75 (2.16 Kg)	0.923
2101TN47	0.85 (2.16 Kg)	0.921
LF0190	1.9 (2.16 Kg)	0.924
2420H	1.9 (2.16 Kg)	0.924
L2102TN42	1.9 (2.16 Kg)	0.921
L2102TX00	1.9 (2.16 Kg)	0.921
LF2119	1.9 (2.16 Kg)	0.921
LF0200	2 (2.16 Kg)	0.922
2420K	4 (2.16 Kg)	0.924
2004TX37	4.7 (2.16 Kg)	0.921
L1922T	22 (2.16 Kg)	0.921



LDPE

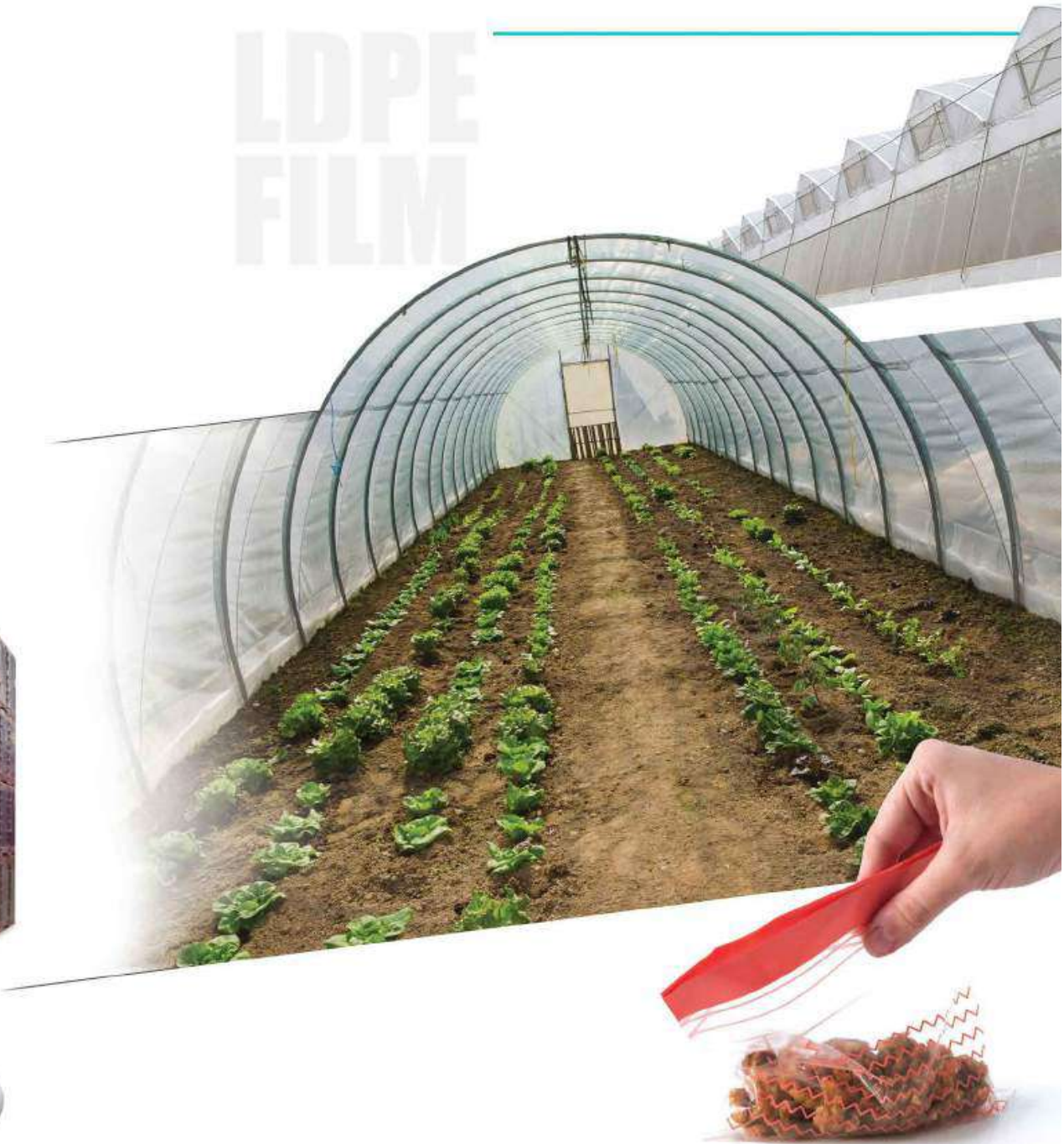


LDPE FILM

Typical Application

- Shrink films
- Heavy duty carrier bags
- Bags and pouches
- Agricultural films
- Construction films

GRADE	MFR	DENSITY
2420D	0.25 (2.16 Kg)	0.923
L2100TN00	0.3 (2.16 Kg)	0.921



LDPE
FILM

POLYMER

LLDPE

Products



LLDPE FILM

Typical Application

Heavy duty plastic bags

Freezer bags

Hand bags

Packings

Agricultural films

GRADE	MFR	DENSITY
LL0209 AA\KJ	0.9 (2.16 Kg)	0.921
LL22501 AA\KJ	0.95 (2.16 Kg)	0.922
LL22502 AA	1.8 (2.16 Kg)	0.922
LL22B02 AA	2 (2.16 Kg)	0.920
LL0220 AA\KJ	2.4 (2.16 Kg)	0.921
LL22403	2.8 (2.16 Kg)	0.920



LLDPE FILM



POLYMER



PP

Homo Polymer

PP (Homo Polymer)

Typical Application

- Heavy duty jumbo bags
- Furnitures
- Caps & Closures
- Toys

GRADE	MFR	DENSITY
HP550J	3.2 (2.16 Kg)	0.9
C30S	6 (2.16 Kg)	0.9
ZH510L	5-7 (2.16 Kg)	0.9
ZR348U	7-10 (2.16 Kg)	0.9
Z30S	25 (2.16 Kg)	0.9
Z30G	25 (2.16 Kg)	0.9
HP552R	25 (2.16 Kg)	0.9
1102XL	5.5 (2.16 Kg)	0.9
1102XK	4 (2.16 Kg)	0.9



PP
Homo Polymer

PP
Homo Polymer

POLYMER

PP
Co Polymer



PP (CO Polymer)

Typical Application

Lamination

Packaging of stationery

Packaging of food

Blow molded bottles and containers

Corrugate pipes for automotive, Conduit pipes and fittings

Filters

GRADE	MFR	DENSITY
EP440G	1.3 (2.16 Kg)	0.9
EP440L	6 (2.16 Kg)	0.9
EP548R	21 (2.16 Kg)	0.9
RP345S	40 (2.16 Kg)	0.9
EP548T	50 (2.16 Kg)	0.9



CO
polymer



POLYMER

PP
PE



PP PIPE

Typical Application

Industrial pressure pipes
Hot & cold water supply
Service pipes
Industrial water conveyance

GRADE	MFR	DENSITY
MR230	1.05 (2.16 Kg)	0.9
PNR230C	0.3 (2.16 Kg)	0.9
ZR230C	1.7 (2.16 Kg)	0.9
3212E	0.25 (2.16 Kg)	0.9

PP PIPE



POLYMER

SBR

Typical Application

- Tires
- Shoe and Foot wears
- Wire and Cable Jackets
- Molded and extruded mechanical rubber parts
- Floor coverings

GRADE	VISCOSITY	BOUND STYRENE
SBR 1502	46-58	23%



POLYMER

HIPS

Typical Application

- Packaging food containers
- Egg boxes
- Industrial parts
- Fridge doors
- Cabinet liners
- Freezer & refrigerator liner

GRADE	MFR	IZOD IMPACT	VICAT SOFTENING
HIPS7240	4.5 (5 Kg)	10	97



HIPS

Products

POLYMER

GPPS

Typical Application



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

GRADE	MFR	VICATE SOFTENING
GPPS1160	2.5 (5 Kg)	104
GPPS1460	6 (5 Kg)	103
GPPS1540	11 (5 Kg)	91
GPPS1028	2.4 (5 Kg)	102
GPPS1034	3.1 (5 Kg)	90
GPPS1038	3.1 (5 Kg)	101
GPPS1047	4.2 (5 Kg)	100
GPPS1067	5.5 (5 Kg)	100
GPPS1077	7 (5 Kg)	100
GPPS1084	8 (5 Kg)	91
GPPS1115	11 (5 Kg)	91
GPPS1144	14 (5 Kg)	92
GPPS1233	23 (5 Kg)	85



POLYMER



PVC

Typical Application



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

GRADE	K-VALUE	BULK DENSITY
S57	57	500 - 560
S65	65	530 - 590
S70	70	445 - 505



POLYMER

PC

Typical Application

Windows

Helmets

Instrument cases & Mechanical goods

GRADE	DENSITY	MFR
PC 0710	1.2	7.1 - 10 (1.2 Kg)



POLYMER

ABS

Typical Application

- Home appliances casing
- Heat resistant home appliances
- Office equipment
- Automotive parts

GRADE	MFR	IZOD IMPACT	VICATE SOFTENING
SD0150	1.7 (5 Kg)	22	99
SD0140	3.2 (5 Kg)	23	97
ABS-50	35 (10 Kg)	23	95



POLYMER

PET POLYETHYLENE TEREPHTHALATE

Typical Application

Various bottles for mineral water

Packing for food

Edible oil & carbonated water

Small & wide mouth jar

Alcoholic beverages

GRADE	VISCOSITY	DEG
PET 645 -Textile grade	0.64	1.4
PET 781 -Bottle grade	0.78	1.5
PET 785 -Bottle grade	0.78	2
PET 821 -Bottle grade	0.82	1.5
PET 825 -Bottle grade	0.82	2





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