



PVC SHOES GRANULES

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PVC GRANULES FOR SHOES INDUSTRY

Shoe granules are the raw materials for the production of PVC shoes, shoe soles, boots, slippers and sandals. These materials are produced in transparent, colorless, colored and black, and in two forms, soft and hard.

The range of hardness of these materials will vary depending on the application. Usually, the sole of the shoe has a higher hardness than other items. we have produced and offered various products for use in the shoes industry as follows:

- Shoe Sole
- Slippers
- Sole of Boots
- Plastic Boots



PVC SHOE SOLE

The main feature of this material is its lightness. By using foaming materials, it increases the flexibility and impact resistance of these granules. According to customer needs, it is possible to produce with different properties.



Product Name	PVC Shoe Sole
Other Names	PVC granules for shoe sole
Product Code	GFSO-N (Milky)
Application	PVC Shoe Sole Production
Features	<ul style="list-style-type: none"> Production based on Global Standards Production based on customer requested mechanical properties
Color	Milky Production capability in diverse colors according to customer request.
Packaging	In 25 kg bags of transparent polyethylene and finally bags are packed on wooden pallets. The weight of the pallets is approximately 1250 kg. The package can be changed according to customer request.

Technical Data sheet

Product Code: GFSO-N

Application: Footwear – Shoe Sole

Color: Milky (Colorless/Natural)

Form: Granule

Packaging: 25 KG PE Bag / Palletized

Storage: Dry place, away from sun shine and temperature lower than 30°C

Properties	Test Method	Units	Typical Value
Tensile strength	ASTM-D638	N/mm ²	14±0.5
Elongation at break	ASTM-D638	%	265±10
Gravity	ASTM-D1895	G/CM ³	1.27±0.03
Hardness	ASTM-D2240	Shore A	74±2
Thermal stability at 200°C	ASTM-D749	MIN	60
Operating Temperature	---	°C	70
Properties after aging 7 days at 100°C			
Tensile strength	ASTM-D638	N/mm ²	13±0.5
Elongation at break	ASTM-D638	%	245±10

Processing Conditions:

The following temperature profile is recommended as a guide line.

Barrel Temperature: (±10 °C)			
Zone 1	Zone 2	Zone 3	Zone 4
150	155	160	165

These data, which are based on test results of major sample lots, are believed to be reliable. However, due to variation in ways of handling by consumers, recommendations are made without guarantee. These data are to be served only as a guide. The user must, by test or otherwise, determine suitability for this purpose. Our standard term and conditions of sale apply exclusively to all orders. No one is authorized by us to make oral warranties. We reserve the right to make changes without notice or obligation in our products and publications.

PVC SLIPPERS

Consumption of PVC granules in the production of plastic slippers is increasing day by day. Slippers are usually made of PVC in both transparent and carbonated forms.

The presence of the foaming additive makes the slippers lighter and more flexible, and other additives are also used to improve the injection process.



Product Name	PVC Slippers
Other Names	PVC granules for Slippers
Product Code	GFSL-T (Transparent)
Application	PVC Slipper Production
Features	<ul style="list-style-type: none"> Production based on Global Standards Production based on customer requested mechanical properties
Color	Transparent Production capability in diverse colors according to customer request.
Packaging	In 20 kg bags of transparent polyethylene and finally bags are packed on wooden pallets. The weight of the pallets is approximately 1250 kg. The package can be changed according to customer request.

Technical Data sheet

Product Code: GFSL-T

Application: Footwear – Slippers

Color: Transparent

Form: Granule

Packaging: 25 KG PE Bag / Palletized

Storage: Dry place, away from sun shine and temperature lower than 30°C

Properties	Test Method	Units	Typical Value
Tensile strength	ASTM-D638	N/mm ²	11.9±0.5
Elongation at break	ASTM-D638	%	290±10
Gravity	ASTM-D1895	G/CM ³	1.18±0.03
Hardness	ASTM-D2240	Shore A	66±2
Thermal stability at 200°C	ASTM-D749	MIN	70
Operating Temperature	---	°C	80
Properties after aging 7 days at 100°C			
Tensile strength	ASTM-D638	N/mm ²	10.7±0.5
Elongation at break	ASTM-D638	%	270±10

Processing Conditions:

The following temperature profile is recommended as a guide line.

Barrel Temperature: (±10 °C)			
Zone 1	Zone 2	Zone 3	Zone 4
150	155	160	165

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BOOT SOLE

PVC granules are used to produce plastic and waterproof garden boot soles.

High tensile strength and impact resistance are the most important features of these materials.

Usually, the hardness of the soles of the boots is high and special additives are used to improve the injection process.

Boot granules are generally black, but can be produced in different colors.



Product Name	PVC Garden Boot Sole
Other Names	PVC granules for boot sole
Product Code	GFRBSO-N (Milky)
Application	PVC Boot Sole Production
Features	<ul style="list-style-type: none"> Production based on Global Standards Production based on customer requested mechanical properties
Color	Transparent Production capability in diverse colors according to customer request.
Packaging	In 25 kg bags of transparent polyethylene and finally bags are packed on wooden pallets. The weight of the pallets is approximately 1250 kg. The package can be changed according to customer request.

Technical Data sheet

Product Code: GFRBSO-N

Application: Footwear – Rain Boot Sole

Color: Milky (Colorless/Natural)

Form: Granule

Packaging: 25 KG PE Bag / Palletized

Storage: Dry place, away from sun shine and temperature lower than 30°C

Properties	Test Method	Units	Typical Value
Tensile strength	ASTM-D638	N/mm ²	13.3±0.5
Elongation at break	ASTM-D638	%	258±10
Gravity	ASTM-D1895	G/CM ³	1.24±0.03
Hardness	ASTM-D2240	Shore A	70±2
Thermal stability at 200°C	ASTM-D749	MIN	70
Operating Temperature	---	°C	80
Properties after aging 7 days at 100°C			
Tensile strength	ASTM-D638	N/mm ²	12±0.5
Elongation at break	ASTM-D638	%	245±10

Processing Conditions:

The following temperature profile is recommended as a guide line.

Barrel Temperature: (±10 °C)			
Zone 1	Zone 2	Zone 3	Zone 4
145	150	155	160

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PVC RAINBOOTS

Soft PVC granules are used to produce garden, industrial and waterproof boots.

The main features of these boots are chemical resistance and water resistance.

In addition, the needs of the fashion industry these days have made plastic boots very popular and demanding.



Product Name	PVC Garden Boot
Other Names	PVC granules for rainboots
Product Code	GFRB-N (Milky)
Application	PVC Boot Production
Features	<ul style="list-style-type: none"> Production based on Global Standards Production based on customer requested mechanical properties
Color	<p>Milky</p> <p>Production capability in diverse colors according to customer request.</p>
Packaging	In 25 kg bags of transparent polyethylene and finally bags are packed on wooden pallets. The weight of the pallets is approximately 1250 kg. The package can be changed according to customer request.

Technical Data sheet

Product Code: GFRB-N

Application: Footwear – Rain Boot

Color: Milky (Colorless/Natural)

Form: Granule

Packaging: 25 KG PE Bag / Palletized

Storage: Dry place, away from sun shine and temperature lower than 30°C

Properties	Test Method	Units	Typical Value
Tensile strength	ASTM-D638	N/mm ²	12.3±0.5
Elongation at break	ASTM-D638	%	273±10
Gravity	ASTM-D1895	G/CM ³	1.23±0.03
Hardness	ASTM-D2240	Shore A	68±2
Thermal stability at 200°C	ASTM-D749	MIN	70
Operating Temperature	---	°C	80
Properties after aging 7 days at 100°C			
Tensile strength	ASTM-D638	N/mm ²	11±0.5
Elongation at break	ASTM-D638	%	250±10

Processing Conditions:

The following temperature profile is recommended as a guide line.

Barrel Temperature: (±10 °C)			
Zone 1	Zone 2	Zone 3	Zone 4
150	155	160	165

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