

FRECHEM® K 100 Granular PTFE Micro powder

Technical Data Sheet

PROPERTIES	TEST METHOD	UNITS	FRECHEM K 100
Bulk Density	ASTM D 4895	g/l	400-500
Melting Peak Temperature	ASTM D 3418	°C	335-342
Specific surface area	BET	m ² /g	1-3
Particle(d10)	ISO 13320	μ m	1.5-3.0
Particle(d50)	ISO 13320	μ m	12.0-16.0
Particle(d90)	ISO 13320	μ m	27.0-35.0
Colour	Internal	Visual	White
Food Contact Approval	EU/FDA	-	YES

Strength /application fields

As an additive for plastics, rubbers and powder coatings to improve non-stick properties, reduce coefficient of friction; improve wear resistance of the matrix and processing behavior.

Safety-Toxicology

This product is a fluoropolymer material, so normal precautions observed with fluoropolymer should be following. Before processing this product, be sure to read and follow all precautions for use contained in the product Material Safety Data Sheet.

Technical Information

This information is based on our experience .It is intended only as a guide for use at your discretion and risk .We cannot guarantee assume any liability in connection with the use of the products described .None of this information is to be taken as a license to operate under .In order to infringe any patents.

FRECHEM® K 201

Granular PTFE Micro powder

Technical Data Sheet

PROPERTIES	TEST METHOD	UNITS	FRECHEM K 201
Bulk Density	ASTM D 4895	g/l	400-500
Melting Peak Temperature	ASTM D 3418	°C	328-332
Specific surface area	BET	m ² /g	1-3
Particle(d10)	ISO 13320	μ m	0.8-1.5
Particle(d50)	ISO 13320	μ m	2.2-3.5
Particle(d90)	ISO 13320	μ m	5.0-7.0
Colour	Internal	Visual	White
Food Contact Approval	EU/FDA	-	No

Strength /application fields

As an additive for plastics, rubbers and powder coatings to improve non-stick properties, reduce coefficient of friction; improve wear resistance of the matrix and processing behavior.

Safety-Toxicology

This product is a fluoropolymer material, so normal precautions observed with fluoropolymer should be following. Before processing this product, be sure to read and follow all precautions for use contained in the product Material Safety Data Sheet.

Technical Information

This information is based on our experience .It is intended only as a guide for use at your discretion and risk .We cannot guarantee assume any liability in connection with the use of the products described .None of this information is to be taken as a license to operate under .In order to infringe any patents.

FRECHEM[®] K 211

Granular PTFE Micro powder

Technical Data Sheet

PROPERTIES	TEST METHOD	UNITS	FRECHEM K 211
Bulk Density	ASTM D 4895	g/l	400-500
Melting Peak Temperature	ASTM D 3418	°C	325-326.5
Specific surface area	BET	m ² /g	1-3
Particle(d10)	ISO 13320	μ m	<1
Particle(d50)	ISO 13320	μ m	<3
Particle(d90)	ISO 13320	μ m	<6
Colour	Internal	Visual	White
Food Contact Approval	EU/FDA	-	No

Strength /application fields

As an additive for plastics, rubbers and powder coatings to improve non-stick properties, reduce coefficient of friction; improve wear resistance of the matrix and processing behavior.

Safety-Toxicology

This product is a fluoropolymer material, so normal precautions observed with fluoropolymer should be following. Before processing this product, be sure to read and follow all precautions for use contained in the product Material Safety Data Sheet.

Technical Information

This information is based on our experience .It is intended only as a guide for use at your discretion and risk .We cannot guarantee assume any liability in connection with the use of the products described .None of this information is to be taken as a license to operate under .In order to infringe any patents.

FRECHEM[®] K 301 FDA Granular PTFE Micro powder

Technical Data Sheet

PROPERTIES	TEST METHOD	UNITS	FRECHEM K 301 FDA
Bulk Density	ASTM D 4895	g/l	400-500
Melting Peak Temperature	ASTM D 3418	°C	332-335
Specific surface area	BET	m ² /g	1-3
Particle(d10)	ISO 13320	μ m	1.0-2.0
Particle(d50)	ISO 13320	μ m	3.0-6.5
Particle(d90)	ISO 13320	μ m	7.0-12.0
Colour	Internal	Visual	White
Food Contact Approval	EU/FDA	-	YES

Strength /application fields

As an additive for plastics, rubbers and powder coatings to improve non-stick properties, reduce coefficient of friction; improve wear resistance of the matrix and processing behavior.

Safety-Toxicology

This product is a fluoropolymer material, so normal precautions observed with fluoropolymer should be following. Before processing this product, be sure to read and follow all precautions for use contained in the product Material Safety Data Sheet.

Technical Information

This information is based on our experience .It is intended only as a guide for use at your discretion and risk .We cannot guarantee assume any liability in connection with the use of the products described .None of this information is to be taken as a license to operate under .In order to infringe any patents.

FRECHEM[®] K 301 Granular PTFE Micro powder

Technical Data Sheet

PROPERTIES	TEST METHOD	UNITS	FRECHEM K 301
Bulk Density	ASTM D 4895	g/l	400-500
Melting Peak Temperature	ASTM D 3418	°C	328-332
Specific surface area	BET	m ² /g	1-3
Particle(d10)	ISO 13320	μ m	1.0-2.0
Particle(d50)	ISO 13320	μ m	3.0-6.5
Particle(d90)	ISO 13320	μ m	7.0-12.0
Colour	Internal	Visual	White
Food Contact Approval	EU/FDA	-	No

Strength /application fields

As an additive for plastics, rubbers and powder coatings to improve non-stick properties, reduce coefficient of friction; improve wear resistance of the matrix and processing behavior.

Safety-Toxicology

This product is a fluoropolymer material, so normal precautions observed with fluoropolymer should be following. Before processing this product, be sure to read and follow all precautions for use contained in the product Material Safety Data Sheet.

Technical Information

This information is based on our experience .It is intended only as a guide for use at your discretion and risk .We cannot guarantee assume any liability in connection with the use of the products described .None of this information is to be taken as a license to operate under .In order to infringe any patents.

FRECHEM® K 401 FDA Granular PTFE Micro powder

Technical Data Sheet

PROPERTIES	TEST METHOD	UNITS	FRECHEM K 401 FDA
Bulk Density	ASTM D 4895	g/l	400-500
Melting Peak Temperature	ASTM D 3418	°C	332-335
Specific surface area	BET	m ² /g	1-3
Particle(d10)	ISO 13320	μ m	1.5-2.5
Particle(d50)	ISO 13320	μ m	6.5-9.0
Particle(d90)	ISO 13320	μ m	13.0-17.0
Colour	Internal	Visual	White
Food Contact Approval	EU/FDA	-	YES

Strength /application fields

As an additive for plastics, rubbers and powder coatings to improve non-stick properties, reduce coefficient of friction; improve wear resistance of the matrix and processing behavior.

Safety-Toxicology

This product is a fluoropolymer material, so normal precautions observed with fluoropolymer should be following. Before processing this product, be sure to read and follow all precautions for use contained in the product Material Safety Data Sheet.

Technical Information

This information is based on our experience .It is intended only as a guide for use at your discretion and risk .We cannot guarantee assume any liability in connection with the use of the products described .None of this information is to be taken as a license to operate under .In order to infringe any patents.

FRECHEM[®] K 401 Granular PTFE Micro powder

Technical Data Sheet

PROPERTIES	TEST METHOD	UNITS	FRECHEM K 401
Bulk Density	ASTM D 4895	g/l	400-500
Melting Peak Temperature	ASTM D 3418	°C	328-332
Specific surface area	BET	m ² /g	1-3
Particle(d10)	ISO 13320	μ m	1.5-2.5
Particle(d50)	ISO 13320	μ m	6.5-9.0
Particle(d90)	ISO 13320	μ m	13.0-17.0
Colour	Internal	Visual	White
Food Contact Approval	EU/FDA	-	No

Strength /application fields

As an additive for plastics, rubbers and powder coatings to improve non-stick properties, reduce coefficient of friction; improve wear resistance of the matrix and processing behavior.

Safety-Toxicology

This product is a fluoropolymer material, so normal precautions observed with fluoropolymer should be following. Before processing this product, be sure to read and follow all precautions for use contained in the product Material Safety Data Sheet.

Technical Information

This information is based on our experience .It is intended only as a guide for use at your discretion and risk .We cannot guarantee assume any liability in connection with the use of the products described .None of this information is to be taken as a license to operate under .In order to infringe any patents.

FRECHEM[®] K 501 FDA Granular PTFE Micro powder

Technical Data Sheet

PROPERTIES	TEST METHOD	UNITS	FRECHEM K 501 FDA
Bulk Density	ASTM D 4895	g/l	380-500
Melting Peak Temperature	ASTM D 3418	°C	332-338
Specific surface area	BET	m ² /g	1-2
Particle(d10)	ISO 13320	μ m	2.0-5.0
Particle(d50)	ISO 13320	μ m	18.0-20.0
Particle(d90)	ISO 13320	μ m	40.0-60.0
Colour	Internal	Visual	White
Food Contact Approval	EU/FDA	-	YES

Strength /application fields

As an additive for plastics, rubbers and powder coatings to improve non-stick properties, reduce coefficient of friction; improve wear resistance of the matrix and processing behavior.

Safety-Toxicology

This product is a fluoropolymer material, so normal precautions observed with fluoropolymer should be following. Before processing this product, be sure to read and follow all precautions for use contained in the product Material Safety Data Sheet.

Technical Information

This information is based on our experience .It is intended only as a guide for use at your discretion and risk .We cannot guarantee assume any liability in connection with the use of the products described .None of this information is to be taken as a license to operate under .In order to infringe any patents.

FRECHEM[®] K 501

Granular PTFE Micro powder

Technical Data Sheet

PROPERTIES	TEST METHOD	UNITS	FRECHEM K 501
Bulk Density	ASTM D 4895	g/l	380-500
Melting Peak Temperature	ASTM D 3418	°C	328-332
Specific surface area	BET	m ² /g	1-2
Particle(d10)	ISO 13320	μ m	2.0-5.0
Particle(d50)	ISO 13320	μ m	18.0-20.0
Particle(d90)	ISO 13320	μ m	40.0-60.0
Colour	Internal	Visual	White
Food Contact Approval	EU/FDA	-	No

Strength /application fields

As an additive for plastics, rubbers and powder coatings to improve non-stick properties, reduce coefficient of friction; improve wear resistance of the matrix and processing behavior.

Safety-Toxicology

This product is a fluoropolymer material, so normal precautions observed with fluoropolymer should be following. Before processing this product, be sure to read and follow all precautions for use contained in the product Material Safety Data Sheet.

Technical Information

This information is based on our experience .It is intended only as a guide for use at your discretion and risk .We cannot guarantee assume any liability in connection with the use of the products described .None of this information is to be taken as a license to operate under .In order to infringe any patents.

FRECHEM[®] K 650 FDA Micro powder from PTFE Dispersion Polymer

Technical Data Sheet

PROPERTIES	TEST METHOD	UNITS	FRECHEM K 650 FDA
Bulk Density	ASTM D 4895	g/l	400-500
Melting Peak Temperature	ASTM D 3418	°C	331-338
Specific surface area	BET	m ² /g	7-10
Particle(d10)	ISO 13320	μ m	1.0-2.0
Particle(d50)	ISO 13320	μ m	6.0-8.0
Particle(d90)	ISO 13320	μ m	16.0-23.0
Colour	Internal	Visual	White
Food Contact Approval	EU/FDA	-	Yes

Strength /application fields

As an additive for high performing plastics and rubbers ,spray for mould release ,waxes ,oil and greases ,inks ,paints to improve non-stick properties ,reduce coefficient of friction ,improve wear resistance of the matrix and processing behavior.

Safety-Toxicology

This product is a fluoropolymer material, so normal precautions observed with fluoropolymer should be following. Before processing this product, be sure to read and follow all precautions for use contained in the product Material Safety Data Sheet.

Technical Information

This information is based on our experience .It is intended only as a guide for use at your discretion and risk .We cannot guarantee assume any liability in connection with the use of the products described .None of this information is to be taken as a license to operate under .In order to infringe any patents.

FRECHEM[®] K 650

Micro powder from PTFE Dispersion Polymer

Technical Data Sheet

PROPERTIES	TEST METHOD	UNITS	FRECHEM K 650
Bulk Density	ASTM D 4895	g/l	400-500
Melting Peak Temperature	ASTM D 3418	°C	330-335
Specific surface area	BET	m ² /g	7-10
Particle(d10)	ISO 13320	μ m	1.0-2.0
Particle(d50)	ISO 13320	μ m	6.0-8.0
Particle(d90)	ISO 13320	μ m	16.0-23.0
Colour	Internal	Visual	White
Food Contact Approval	EU/FDA	-	No

Strength /application fields

As an additive for high performing plastics and rubbers ,spray for mould release ,waxes ,oil and greases ,inks ,paints to improve non-stick properties ,reduce coefficient of friction ,improve wear resistance of the matrix and processing behaviour.

Safety-Toxicology

This product is a fluoropolymer material, so normal precautions observed with fluoropolymer should be following. Before processing this product, be sure to read and follow all precautions for use contained in the product Material Safety Data Sheet.

Technical Information

This information is based on our experience .It is intended only as a guide for use at your discretion and risk .We cannot guarantee assume any liability in connection with the use of the products described .None of this information is to be taken as a license to operate under .In order to infringe any patents.

FRECHEM[®] K 652 FDA

Micro powder from PTFE Dispersion Polymer

Technical Data Sheet

PROPERTIES	TEST METHOD	UNITS	FRECHEM K 652 FDA
Bulk Density	ASTM D 4895	g/l	400-500
Melting Peak Temperature	ASTM D 3418	°C	331-338
Specific surface area	BET	m ² /g	7-10
Particle(d10)	ISO 13320	μ m	1.0-2.5
Particle(d50)	ISO 13320	μ m	6.0-8.0
Particle(d90)	ISO 13320	μ m	15.0-25.0
Colour	Internal	Visual	White
Food Contact Approval	EU/FDA	-	Yes

Strength /application fields

As an additive for high performing plastics and rubbers ,spray for mould release ,waxes ,oil and greases ,inks ,paints to improve non-stick properties ,reduce coefficient of friction ,improve wear resistance of the matrix and processing behavior.

Safety-Toxicology

This product is a fluoropolymer material, so normal precautions observed with fluoropolymer should be following. Before processing this product, be sure to read and follow all precautions for use contained in the product Material Safety Data Sheet.

Technical Information

This information is based on our experience .It is intended only as a guide for use at your discretion and risk .We cannot guarantee assume any liability in connection with the use of the products described .None of this information is to be taken as a license to operate under .In order to infringe any patents.

FRECHEM[®] K 652

Micro powder from PTFE Dispersion Polymer

Technical Data Sheet

PROPERTIES	TEST METHOD	UNITS	FRECHEM K 652
Bulk Density	ASTM D 4895	g/l	400-500
Melting Peak Temperature	ASTM D 3418	°C	330-335
Specific surface area	BET	m ² /g	7-10
Particle(d10)	ISO 13320	μ m	1.0-2.5
Particle(d50)	ISO 13320	μ m	6.0-8.0
Particle(d90)	ISO 13320	μ m	15.0-25.0
Colour	Internal	Visual	White
Food Contact Approval	EU/FDA	-	No

Strength /application fields

As an additive for high performing plastics and rubbers ,spray for mould release ,waxes ,oil and greases ,inks ,paints to improve non-stick properties ,reduce coefficient of friction ,improve wear resistance of the matrix and processing behavior.

Safety-Toxicology

This product is a fluoropolymer material, so normal precautions observed with fluoropolymer should be following. Before processing this product, be sure to read and follow all precautions for use contained in the product Material Safety Data Sheet.

Technical Information

This information is based on our experience .It is intended only as a guide for use at your discretion and risk .We cannot guarantee assume any liability in connection with the use of the products described .None of this information is to be taken as a license to operate under .In order to infringe any patents.