

# EPOSIR® 7120/40

PRODUCT DATA  
SHEET  
REM/712040/110301/1

## Description

Low viscosity liquid epoxy resin modified with mono-functional reactive diluent. Higher viscosity version than Eposir® 7120/42.

## Applications

Used in manufacture of heavily-filled compositions for the building and civil engineering industries e.g. floorings, mortars etc .

## Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	190 - 210	g/eq.	ISO 3001
Viscosity at 25°C	1300 - 1600	mPa.s.	ASTM D 0445
Colour	2 max	Sc. Gardner	ASTM D 1544

## Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.13	g/cm <sup>3</sup>	ASTM D 1475

## Supply Form

- Drums 220 Kg
- Bulk

## Storage stability

The product is stable for one year if stored in original containers, in dry ambient, at temperature ranging from 15°C to 30°C.

## Safety

The product is not flammable and we haven't noticed any toxic effects.  
Further advice is given in the safety data sheet.

Eposir®: SIR INDUSTRIALE registered trade mark.

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# EPOSIR<sup>®</sup> 7120/42

PRODUCT DATA  
SHEET  
RE/712042/039801/1

## Description

Low viscosity liquid epoxy resin modified with mono-functional reactive diluent.

## Applications

Used in manufacture of heavily-filled compositions for the building and civil engineering industries e.g. floorings, mortars etc .

## Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	195 - 215	g/eq.	ISO 3001
Viscosity at 25°C	850 - 1100	mPa.s.	ASTM D 0445
Colour	2 max	Sc. Gardner	ASTM D 1544

## Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.15	g/cm <sup>3</sup>	ASTM D 1475

## Supply Form

- Drums 220 Kg
- Bulk

## Storage stability

The product is stable for one year if stored in original containers, in dry ambient, at temperature ranging from 15°C to 30°C.

## Safety

The product is not flammable and we haven't noticed any toxic effects.  
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# EPOSIR<sup>®</sup> 7120/43

PRODUCT DATA  
SHEET  
RE/712043/091701/1

## Description

Low viscosity liquid epoxy resin modified with mono-functional reactive aromatic diluent. The resin is ideal for pigment wetting and has good resistance to filler settling.

## Applications

Used for the production of flooring, compounds, mortars, casting etc.

## Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	180 - 195	g/eq.	ISO 3001
Viscosity at 25°C	400 - 700	mPa.s.	ASTM D 0445
Colour	2 max	Sc. Gardner	ASTM D 1544

## Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.14	g/cm <sup>3</sup>	ASTM D 1475

## Supply Form

- Drums 220 kg
- IBC
- Bulk.

## Storage stability

The product is stable for one year if stored in original containers, in dry ambient, at temperature ranging from 15°C to 30°C.

## Safety

The product is not flammable and we haven't noticed any toxic effects. Further advice is given in the safety data sheet.

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# EPOSIR<sup>®</sup> 7120/46

PRODUCT DATA  
SHEET  
RE/712046/079801/1

## Description

Low viscosity Bisphenol A based liquid epoxy resin, modified with mono-functional reactive aliphatic diluent.

## Applications

Eposir 7120/46 is suitable for civil engineering formulations, castings, putties, floorings and to formulate high-solid systems.

## Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	195 – 215	g/eq.	ISO 3001
Viscosity at 25°C	400 – 700	mPa.s.	ASTM D 0445
Colour	2 max	Sc. Gardner	ASTM D 1544

## Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.10	g/cm <sup>3</sup>	ASTM D 1475

## Supply Form

- Drums 220 Kg
- Bulk
- Containers.

## Storage stability

The product is stable for one year if stored in original containers, in dry ambient, at temperature ranging from 15°C to 30°C.

## Safety

The product is not flammable and we haven't noticed any toxic effects.  
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# EPOSIR<sup>®</sup> 7120/48

PRODUCT DATA  
SHEET  
REM/712048/030501/1

## Description

Low viscosity Bisphenol A based liquid epoxy resin, modified with mono-functional reactive aliphatic diluent. Good resistance to crystallisation in the storage.

## Applications

Eposir 7120/48 is suitable for civil engineering formulations, castings, putties, floorings and to formulate high-solid systems.

## Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	200 - 230	g/eq.	ISO 3001
Viscosity at 25°C	850 – 1100	mPa.s.	ASTM D 0445
Colour	2 max	Sc. Gardner	ASTM D 1544

## Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.12	g/cm <sup>3</sup>	ASTM D 1475

## Supply Form

- Drums 220 Kg
- Bulk
- Containers.

## Storage stability

The product is stable for one year if stored in original containers, in dry ambient, at temperature ranging from 15°C to 30°C.

## Safety

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# EPOSIR® 7120 BC

PRODUCT DATA  
SHEET  
REM/7120BC/041601/1

## Description

Medium viscosity standard Bisphenol A based liquid epoxy resin, with low hydrolysable chlorine content.

## Applications

Particularly suitable for applications in the electrotechnical/electronic sectors.

## Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	182 - 192	g/eq.	ISO 3001
Viscosity at 25°C	10.000 – 14.500	mPa.s.	ASTM D 0445
Colour	100 max	Sc. Pt/Co	ASTM D 1209
Hydrolysable chlorine	0,03 max	%	SIR 10532

## Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.16	g/cm <sup>3</sup>	ASTM D 1475
Total chlorine	0,2 max	%	SIR 10532

## Supply Form

- Drums 220 Kg
- Bulk
- Containers.

## Storage stability

The product is stable for one year if stored in original containers, in dry ambient, at temperature ranging from 15°C to 30°C.

## Safety

The product is not flammable and we haven't noticed any toxic effects.  
Further advice is given in the safety data sheet.

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# EPOSIR<sup>®</sup> 7120

PRODUCT DATA  
SHEET  
REM/7120/041601/1

## Description

Medium viscosity standard Bisphenol A based liquid epoxy resin.

## Applications

To be used in combination with curing agents such as: polyamine-amides or their adducts to produce high-solid or solvent borne protective coatings for civil engineering and packaging industry.

## Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	182 - 192	g.	ISO 3001
Viscosity at 25°C	10.000 – 14.500	mPa.s.	ASTM D 0445
Colour	100 max	Sc. Pt/Co	ASTM D 1209

## Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.16	g/cm <sup>3</sup>	ASTM D 1475

## Supply Form

- Drums - 220 Kg.
- Bulk

## Storage stability

The product should be stored in the original containers, in dry ambient, protected against light and direct sun-rays, at temperature ranging from 15 to 30°C. In these conditions it is stable for one year.

## Safety

The product is not flammable and we haven't noticed any toxic effects.

Further advice is given in the safety data sheet.

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# EPOSIR<sup>®</sup> 7127

PRODUCT DATA  
SHEET  
RE/7127/079901/1

## Description

Medium viscosity Bisphenol A based liquid epoxy resin. Lower viscosity than Eposir 7120.

## Applications

To be used in combination with curing agents such as: polyamine-amides or their adducts to produce high-solid or solvent borne protective coatings for civil engineering and packaging industry.

## Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	182 – 196	g.	ISO 3001
Viscosity at 25°C	8.000 – 10.000	mPa.s.	ASTM D 0445
Colour	150 max	Sc. Pt/Co	ASTM D 1209

## Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.16	g/cm <sup>3</sup>	ASTM D 1475

## Supply Form

- Drums - 220 Kg.
- Bulk

## Storage stability

The product should be stored in the original containers, in dry ambient, protected against light and direct sun-rays, at temperature ranging from 15 to 30°C. In these conditions it is stable for one year.

## Safety

The product is not flammable and we haven't noticed any toxic effects.  
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# EPOSIR<sup>®</sup> 7134

PRODUCT DATA  
SHEET  
REM/7134/050901/1

## Description

Low molecular weight Bisphenol A based epoxy resin. Semi-solid product at room temperature.

## Applications

Suitable for formulation of room temperature cured protective paints, high solid and coal-tar epoxy systems.

## Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	230 – 270	g.	ISO 3001
Viscosity at 25°C (1)	400 - 1000	mPa.s.	ASTM D 0445
Colour (1)	2 max	G.U.	ASTM D 1544

Determined on 70% m/m solution in diethyleneglycol-monobutylether

## Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.18	g/cm <sup>3</sup>	ASTM D 1475

## Supply Form

- Drums - 220 Kg.

## Storage stability

The product should be stored in the original containers, in dry ambient, protected against light and direct sun-rays, at temperature ranging from 15 to 30°C. In these conditions it is stable for one year.

## Safety

The product is not flammable and we haven't noticed any toxic effects.  
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# EPOSIR<sup>®</sup> 7214

## PRODUCT DATA SHEET

RE/7214/039801/1

### Description

Low viscosity liquid epoxy resin modified with bi-functional reactive diluent.

### Applications

Used in manufacture of heavily-filled compositions for the building and civil engineering industries e.g. floorings, mortars etc.

### Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	175 - 195	g/eq.	ISO 3001
Viscosity at 25°C	950 - 1350	mPa.s.	ASTM D 0445
Colour	2 max	Sc. Gardner	ASTM D 1544

### Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.15	g/cm <sup>3</sup>	ASTM D 1475

### Supply Form

- Drums 220 Kg
- Bulk
- Containers.

### Storage stability

The product is stable for one year if stored in original containers, in dry ambient, at temperature ranging from 15°C to 30°C.

### Safety

The product is not flammable and we haven't noticed any toxic effects.  
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# EPOSIR<sup>®</sup> 7219

## PRODUCT DATA SHEET

RE/7219/079801/1

### Description

Low viscosity Bisphenol A based liquid epoxy resin, modified with bi-functional reactive aliphatic diluent.

### Applications

Eposir 7219 is suitable for civil engineering formulations, castings, putties, floorings and to formulate high-solid systems.

### Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	175 – 195	g/eq.	ISO 3001
Viscosity at 25°C	700 – 1000	mPa.s.	ASTM D 0445
Colour	2 max	Sc. Gardner	ASTM D 1544

### Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.14	g/cm <sup>3</sup>	ASTM D 1475

### Supply Form

- Drums 220 Kg
- Bulk
- Containers.

### Storage stability

The product is stable for one year if stored in original containers, in dry ambient, at temperature ranging from 15°C to 30°C.

### Safety

The product is not flammable and we haven't noticed any toxic effects.  
Further advice is given in the safety data sheet.

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# EPOSIR<sup>®</sup> 7221

## PRODUCT DATA SHEET

RE/7221/019903/1

### Description

Low viscosity Bisphenol A based liquid epoxy resin, modified with bi-functional reactive aliphatic diluent. Low tendency to crystallize in stock.

### Applications

Eposir 7221 is suitable for civil engineering formulations, castings, putties, floorings and to formulate high-solid systems. Low viscosity version of Eposir 7219.

### Sales specification

Property	Value	Unit	Method
Epoxy equivalent weight	175 – 195	g/eq.	ISO 3001
Viscosity at 25°C	600 – 800	mPa.s.	ASTM D 0445
Colour	1.14 max	Sc. Gardner	ASTM D 1544

### Typical Properties

Property	Value	Unit	Method
Density at 25°C	1.14	g/cm <sup>3</sup>	ASTM D 1475

### Supply Form

- Drums 220 Kg
- Bulk
- Containers.

### Storage stability

The product is stable for one year if stored in original containers, in dry ambient, at temperature ranging from 15°C to 30°C.

### Safety

The product is not flammable and we haven't noticed any toxic effects. Further advice is given in the safety data sheet.

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