

# STRIVA

## PREMIUM TECHNICAL DATA SHEET

Product name:

**GARNET  
ABRASIVE**

Model / Size:

**PINK  
(100-120) >  
90% MESH**

### Chemical Composition

Silica SiO <sub>2</sub>	34 -40%
Iron (FeO <sub>3</sub> +FeO)	25-31%
Alumina Al <sub>2</sub> O <sub>3</sub>	19-21%
Magnesium MgO	5-6%
Calcium CaO	1.0-10-0%
Manganese MnO	0-1.0%

### Mineral Composition

Garnet	>97% min
Quartz	0.2 max
Ilmenite	0.5 - 1%
Others	0.01% max

CONDUCTIVITY: Less than 15 ms/m

HARDNESS: Mohs 7.5 - 8

CHLORIDE: 10 - 15 ppm (20 ppmmax)

SPECIFIC DENSITY: 3.9 - 4.1 g/cm<sup>3</sup>

BULK DENSITY: 1.9 - 2.4 g/cm<sup>3</sup>

MELTING POINT: 1,250 °C

CERTIFICATE: ISO90001\_2008





# SELECT TECHNICAL DATA SHEET

Product name:

## GARNET ABRASIVE

Model / Size:

## PINK GARNET B-80 MESH



# STRIVA

### Chemical Composition

Silica SiO <sub>2</sub>	34 -40%
Iron (FeO <sub>3</sub> +FeO)	25-31%
Alumina Al <sub>2</sub> O <sub>3</sub>	19-21%
Magnesium MgO	5-6%
Calcium CaO	1.0-10-0%
Manganese MnO	0-1.0%

### Mineral Composition

Garnet	>95% min
Quartz	0.2 max
Ilmenite	0.5 - 1%
Others	0.01% max

CONDUCTIVITY: Less than 15 ms/m

HARDNESS: Mohs 7 - 8

CHLORIDE: 10 - 15 ppm (20ppmmax)

SPECIFIC DENSITY: 3.9 - 4.1 g/cm<sup>3</sup>

BULK DENSITY: 1.9 - 2.4 g/cm<sup>3</sup>

MELTING POINT: 1,250 °C

CERTIFICATE: ISO90001\_2008



# STRIVA

## STANDARD TECHNICAL DATA SHEET

Product name:

### GARNET ABRASIVE

Model / Size:

### PINK GARNET B-80 MESH

#### Chemical Composition

Silica SiO <sub>2</sub>	34 -40%
Iron (FeO <sub>3</sub> +FeO)	25-31%
Alumina Al <sub>2</sub> O <sub>3</sub>	19-21%
Magnesium MgO	5-6%
Calcium CaO	1.0-10-0%
Manganese MnO	0-1.0%

#### Mineral Composition

Garnet	>95% min
Quartz	0.2 max
Ilmenite	0.5 - 1%
Others	0.01% max

CONDUCTIVITY: Less than 15 ms/m

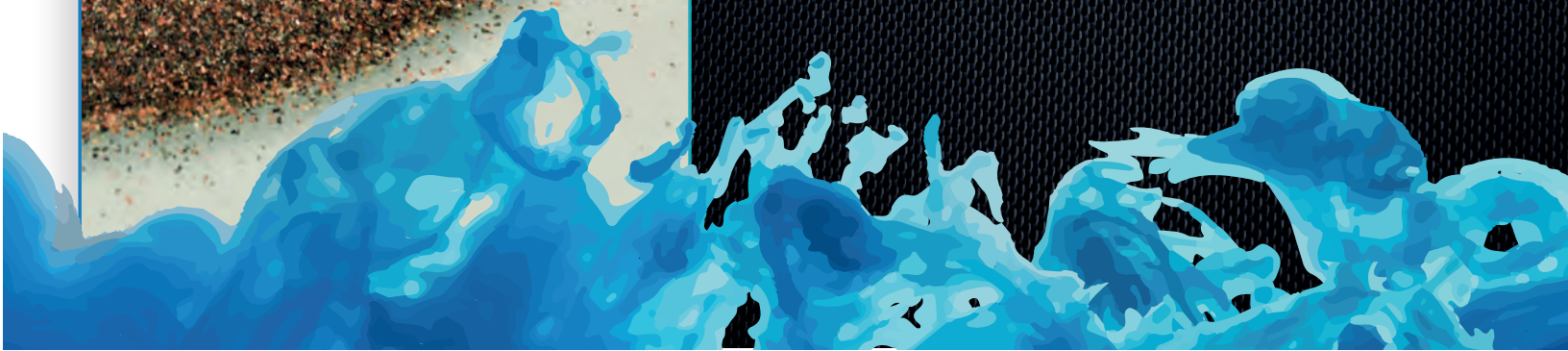
HARDNESS: Mohs 7

CHLORIDE: 10 - 15 ppm (20ppmmax)

SPECIFIC DENSITY: 2.8 - 3.2 g/cm<sup>3</sup>

MELTING POINT: 1,250 °C

CERTIFICATE: ISO90001\_2008





# STRIVA

## PREMIUM RED TECHNICAL DATA SHEET

Product name:

**GARNET  
ABRASIVE**

Model / Size:

**RED GARNET  
(100-120) >  
90% MESH**

### Chemical Composition

Silica SiO <sub>2</sub>	34 -40%
Iron (FeO <sub>3</sub> +FeO)	25-31%
Alumina Al <sub>2</sub> O <sub>3</sub>	19-21%
Magnesium MgO	5-6%
Calcium CaO	1.0-10-0%
Manganese MnO	0-1.0%

### Mineral Composition

Garnet	>97% min
Quartz	0.2 max
Ilmenite	0.5 - 1%
Others	0.01% max

CONDUCTIVITY: Less than 15 ms/m

HARDNESS: Mohs 7.5 - 8

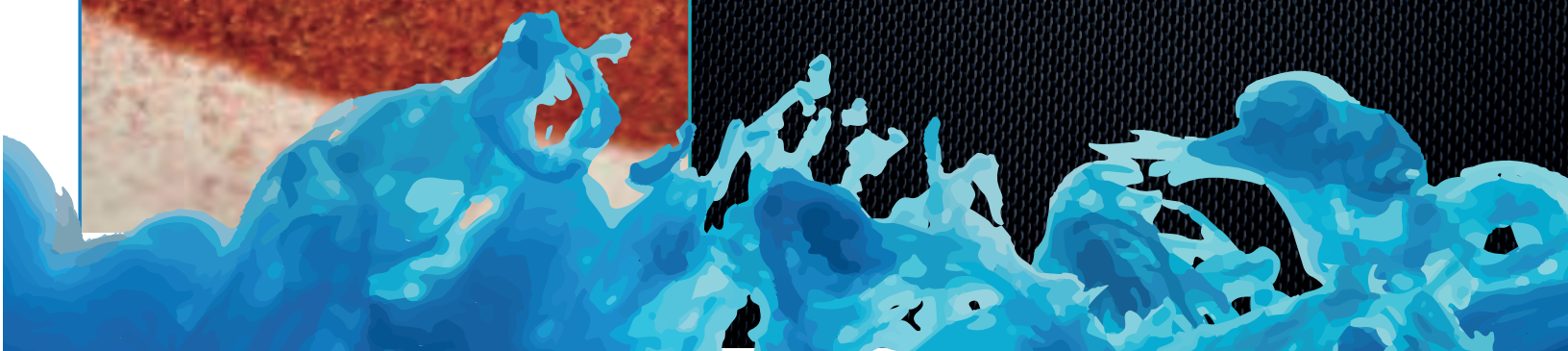
CHLORIDE: 10 - 15 ppm (20 ppmmax)

SPECIFIC DENSITY: 3.9 - 4.1 g/cm<sup>3</sup>

BULK DENSITY: 1.9 - 2.4 g/cm<sup>3</sup>

MELTING POINT: 1,250 °C

CERTIFICATE: ISO90001\_2008





# STRIVA

## SELECT RED TECHNICAL DATA SHEET

Product name:

### GARNET ABRASIVE

Model / Size:

### RED GARNET (80-100) > 90% MESH

#### Chemical Composition

Silica SiO <sub>2</sub>	34 -40%
Iron (FeO <sub>3</sub> +FeO)	25-31%
Alumina Al <sub>2</sub> O <sub>3</sub>	19-21%
Magnesium MgO	5-6%
Calcium CaO	1.0-10-0%
Manganese MnO	0-1.0%

#### Mineral Composition

Garnet	>97% min
Quartz	0.2 max
Ilmenite	0.5 - 1%
Others	0.01% max

CONDUCTIVITY: Less than 15 ms/m

HARDNESS: Mohs 7.5 - 8

CHLORIDE: 10 - 15 ppm (20 ppmmax)

SPECIFIC DENSITY: 3.9 - 4.1 g/cm<sup>3</sup>

BULK DENSITY: 1.9 - 2.4 g/cm<sup>3</sup>

MELTING POINT: 1,250 °C

CERTIFICATE: ISO90001\_2008

