

EUROGARNET is first and only one company worldwide, which produce and sell garnet mesh #80, #30-60, #20-50 and #20-40 of European origin.

Garnet mesh #80 is mostly use for water jet cutting.
Coarser sizes as #30-60, #20-50 and #20-40 are used for sand blasting.

PHYSICAL CHARACTERISTIC:

Specific gravity : 4,1 g/cm³
 Chlorids : > 25 ppm
 Hardness : > 7,5-8 Moh
 Color : red - pink
 Shape of grains : sharp
 Toxicity : none
 Humidity : > 0,18%
 Bulk density : 2,4 g/cm³

CHEMICAL ANALYSIS:

SiO₂ * 37,30%
 AL₂O₃ 22,46%
 Fe₂O₃ 3,76%
 FeO 24,47%
 MgO 8,86%
 CaO 1,87%
 TiO₂ 1,28%

* Refers to SiO₂ bound within the lattice of the homogenous garnet crystal, no free silica in the material



MINERAL COMPOSITION IN % PER kg:

Garnet : 95,0 %
 Ilmenit : 2,6 %
 Biotite : 0,5 %
 Others : 1,9 %



TYPICAL GRANULOMETRIC ANALYSIS OF MESH #80 GARNET SAND:

| mm | Mesh | % |
|-------|------|------|
| 0,355 | 45 | 0,3 |
| 0,300 | 50 | 4,7 |
| 0,250 | 60 | 39,6 |
| 0,212 | 70 | 28,6 |
| 0,180 | 80 | 17,0 |
| 0,125 | 120 | 9,6 |
| 0,100 | 140 | 0,2 |





TYPICAL GRANULOMETRIC ANALYSIS OF MESH #30-60 GARNET SAND

| mm | Mesh | % |
|-------|------|------|
| 0,600 | 30 | 0,1 |
| 0,500 | 35 | 0,4 |
| 0,400 | 40 | 24,0 |
| 0,355 | 45 | 30,2 |
| 0,300 | 50 | 28,0 |
| 0,250 | 60 | 17,3 |



TYPICAL GRANULOMETRIC ANALYSIS OF MESH #20-50 GARNET SAND:

| mm | Mesh | % |
|-------|------|------|
| 0,800 | 20 | 0,4 |
| 0,600 | 30 | 33,8 |
| 0,500 | 40 | 48,9 |
| 0,400 | 45 | 10,6 |
| 0,355 | 50 | 6,2 |
| 0,300 | 60 | 0,1 |



TYPICAL GRANULOMETRIC ANALYSIS OF MESH #20-40 GARNET SAND:

| mm | Mesh | % |
|-------|------|------|
| 0,800 | 20 | 2,6 |
| 0,600 | 30 | 41,8 |
| 0,500 | 35 | 44,8 |
| 0,400 | 40 | 10,2 |
| 0,355 | 45 | 0,6 |



GARNET SAND PACKING :

1 t Big-Bag with PE Liner inside and Ventil

25 kg PE bag – 40 PE bags in 1 Big-Bag – 1t