

TECHNICAL SPECIFICATION

| Sr.No. | Inspection item | Unit | Standard Requirements | Experimental results | |
|--------|--|-------------------|---|--|----|
| 1 | Apperance defects | Crack | - | The permitted number of the line should be zero with the length no more than 10 mm | NO |
| | | Arrises Lack | - | Permitted number with length not more than 10mm and width not more than 2mm (with length \leq 4mm and width \leq 1mm exclusive) is 2 per meter | NO |
| | | Angels Lack | - | Permitted number with length not more than 3mm and width not more than 3mm (with length \leq 2mm and width \leq 2mm exclusive) is 2 per meter | NO |
| | | Sand hole | - | Diameter less in 2mm, exit, but not effect the decorative effect. | NO |
| 2 | Colors and patterns | - | The color of the same lot material should be fundamental harmonic, the pattern should be basically uniform | Coincidence | |
| 3 | Flatness tolerances length range \leq 400 | mm | <0.5 | 0.10 | |
| 4 | Allow tolerance of angle length range \leq 400 | mm | <0.6 | 0.12 | |
| 5 | Density | g/cm ³ | >2.30 | 2.37 | |
| 6 | Water absorption rate | % | <0.10 | 0.06 | |
| 7 | Flexural strength | Mpa | >20.0 | 26.5 | |
| 8 | Dry compression strength | Mpa | >120.0 | 234.3 | |
| 9 | Mohs hardness | - | 4-7 | 6 | |
| 10 | Glossiness | GS | >40 | 55 | |
| 11 | Radioactivity | | Category A : IRa \leq 1.0, Iy \leq 1.3; Category B : Not A, but IRa < 1.0, Iy < 1.9; Category C : Not A & B, but meets the Iy < 2.8 | IRa=0.08 IY=0.15 Category A: | |

feet the
natural
pearl stone



THE ADVANTAGES OF QUARTZ STONE ARE

- 1. Durability**
Exceptional hardness (Mohs 6.5 -7 grade), strength and durability.
- 2. Luxurious appearance**
Its radiant look will optically expand and brighten your interiors.
- 3. Color variety**
Wide range of available colors and textures will meet the expectations of even the most demanding customers. We may also custom customers' appointed designs and colors.
- 4. Thickness**
With thickness of 12mm/15mm/18mm/20mm/25mm/30mm for selection.
- 5. Resistance**
The stone surface is resistant to high temperatures, chemicals, abrasion, scratches and cuts.
- 6. Hygiene**
Thanks to its zero porosity, our quartz stone meets all hygienic requirements and is also very easy to maintain.
- 7. Unique designs and colors**
Available in mono colours, multi colours and star series
- 8. Consistency**
The individual product ranges are composed of different materials, mixtures and additives.
- 9. Water absorption & hardness**
Our stone is with low water absorption at 0.08% and Mohs hardness at 6-7 grade & Shore hardness at 78.
- 10. Maintenance**
Unlike other surfaces, Quartz stone requires almost no maintenance at all (except general cleaning). Thanks to its non-porous surface, no residues can penetrate it and leave permanent stains

OUR PRODUCTS ARE OFFERED IN THE FOLLOWING SIZES :

- Slabs** - 3 mtrs. x 1.5 mtrs.
- Customised size can be done as per requirement.
- Products can be produced in thickness from 10 up to 30 mm

Surface finishing of products :

- Nano Polished surface
- Polished surface

Comparison Quartz Stone and Natural Stone

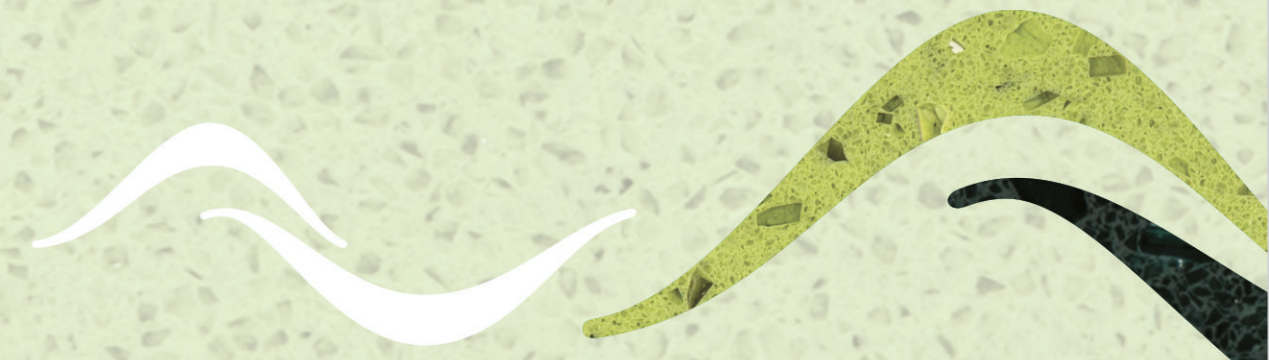
| | Quartz Stone | Marble | Granite |
|---|--------------|--------|---------|
|  Flexural Strength (kg/cm ²) | 515 | 60 | 134 |
|  Impact Test (cm) | 135 | 29 | 61 |
|  Water Absorption (by Weight(%)) | 0.02 | 0.55 | 0.33 |
|  Compressive Strength (kg/cm ²) | 2200 | 2161 | 1921 |
|  Freezing Compressive Strength (after 25 cycles) | 2082 | 2082 | 1906 |

A pearl is shaped
after years of great
care and love by nature.
Pearl is beautiful,
Pearl is eternal.

Pearl Stone is a company that promises to deliver eternal beauty to your homes. It is a company high on technology and high on style. With the combination of the two, it will deliver products that excite the owners and delight his guests.

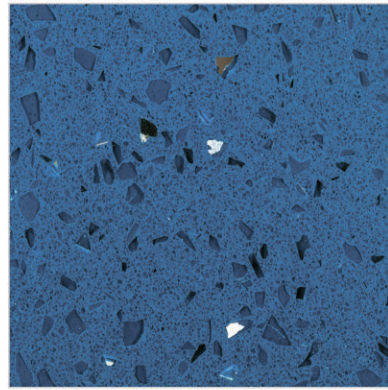
Located at Morbi, the Ceramic Capital of India, the factory is established with state of the art technology imported and professionally adopted. The management has years of experience behind them to take the company, its products and the brand to great recognition.

UP TO 30 MM
THICKNESS

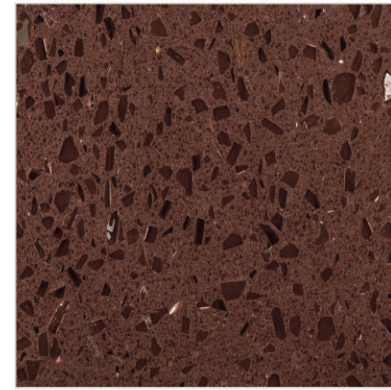




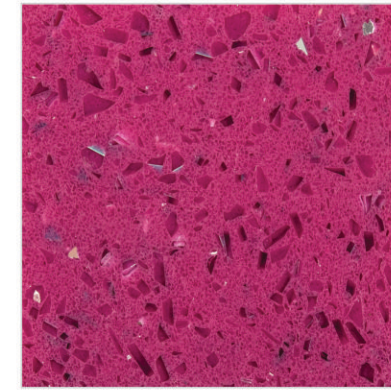
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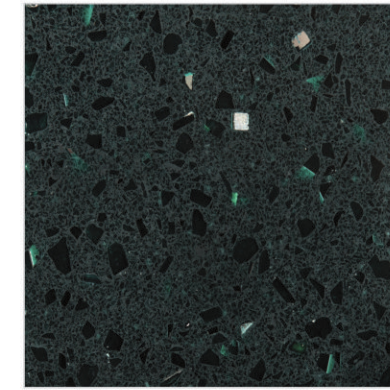
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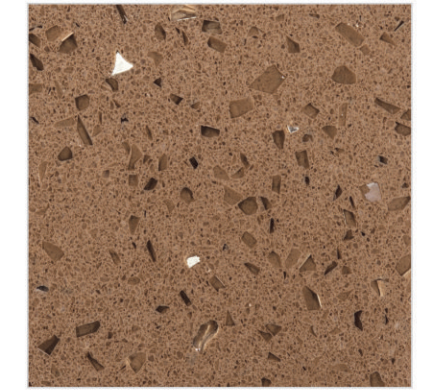
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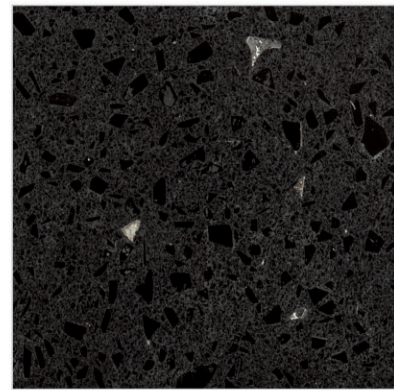
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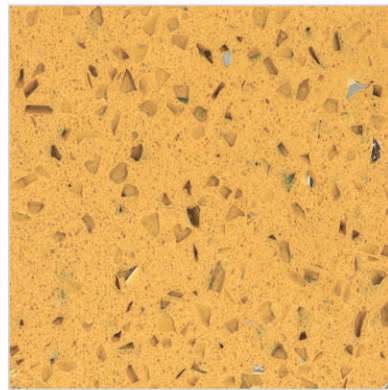
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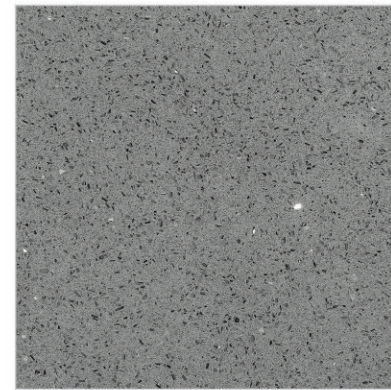
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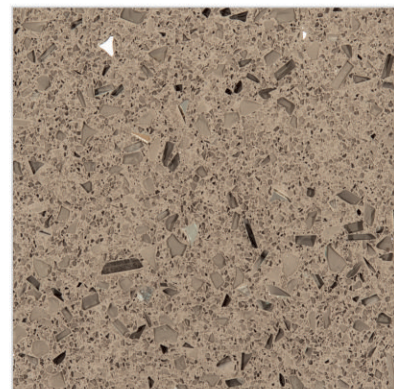
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C-5005



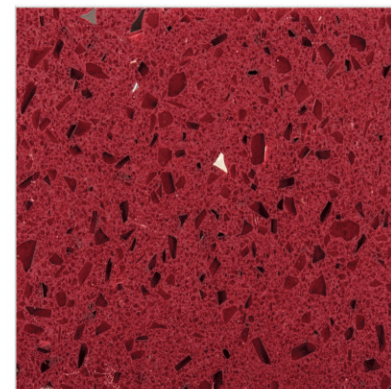
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C-5007



C-5008

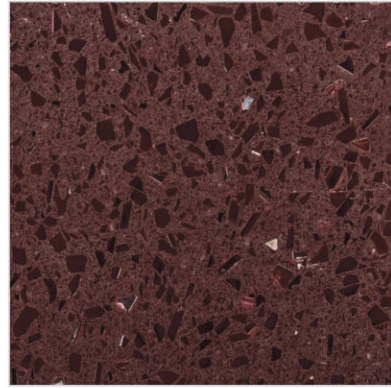


C-5010

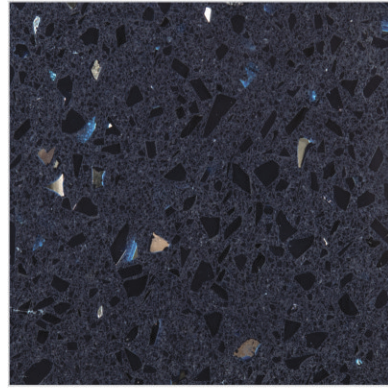
This Product Shown In Visual Is **Premium C-5006**



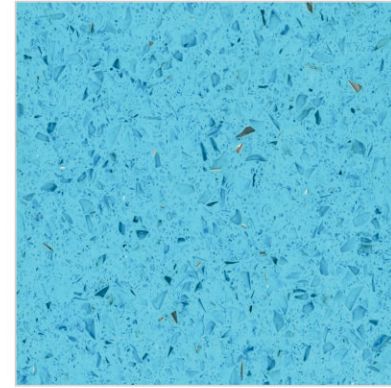
feel the *natural*
pearl stone



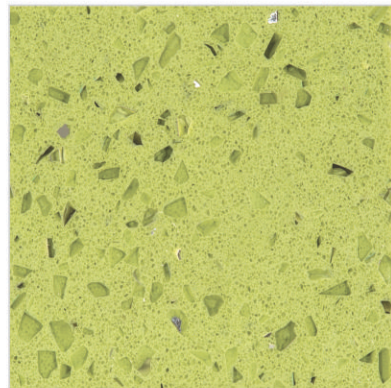
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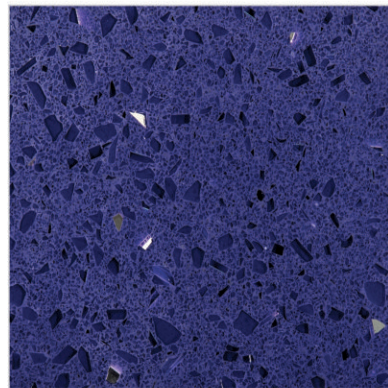
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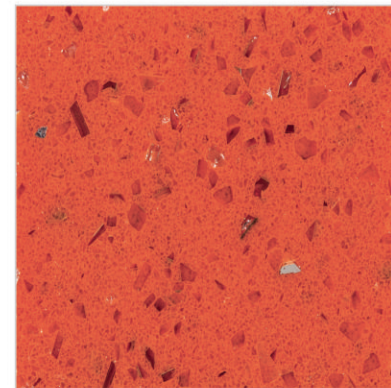
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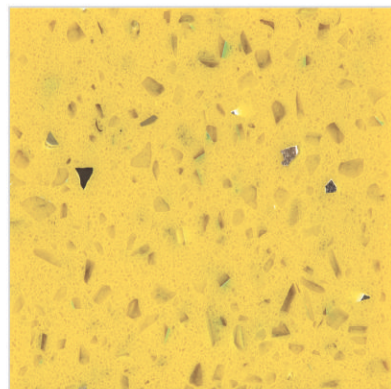
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C-5023



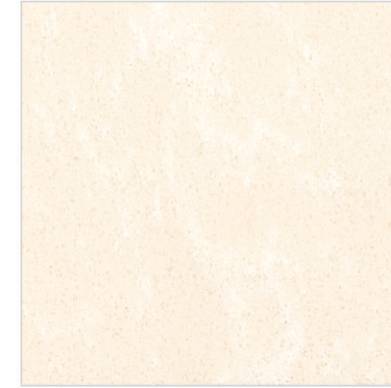
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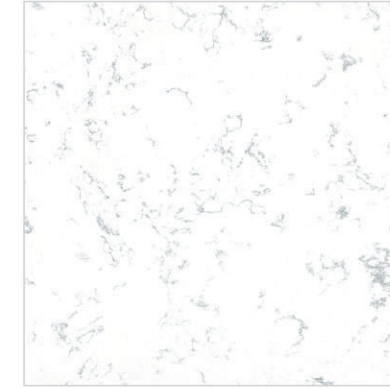
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C-5026



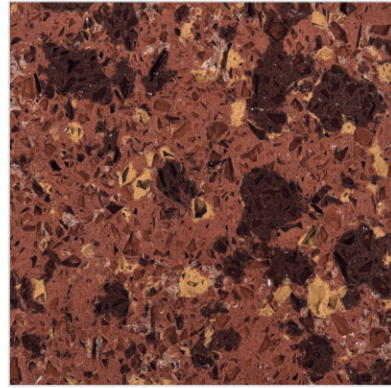
8001



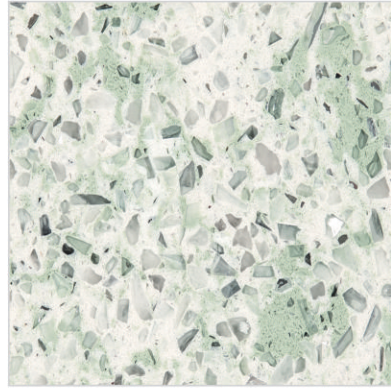
8003

This Product Shown In Visual Is Premium 8003

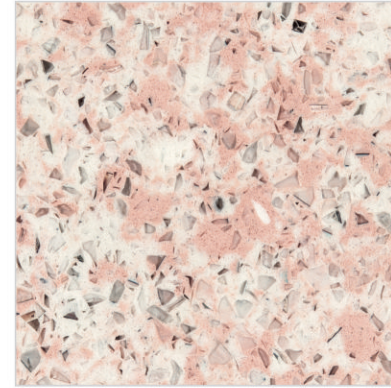




M-6001



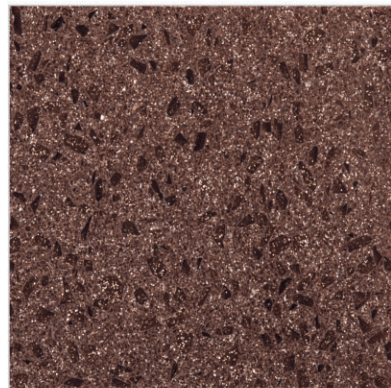
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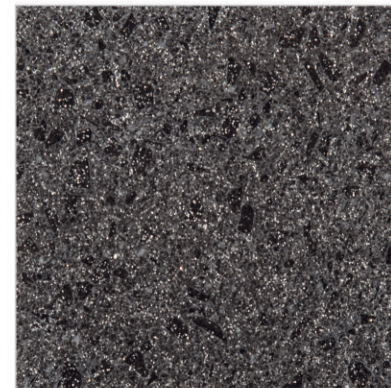
M-6005



M-6010



G-9003



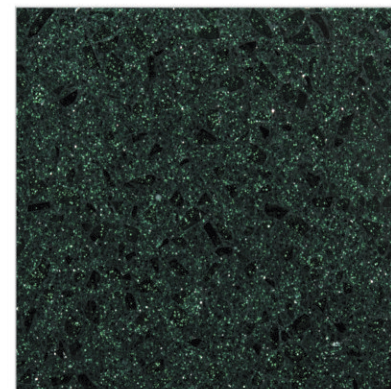
G-9004



G-9005



G-9006



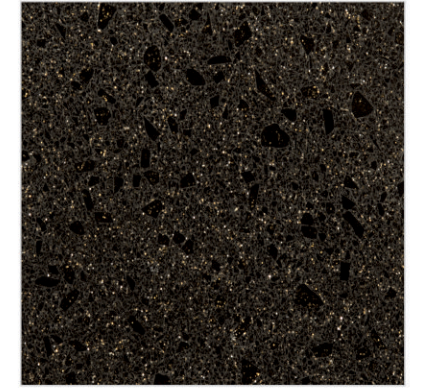
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G-9009



G-9010



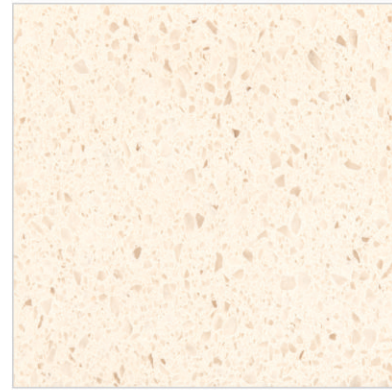
G-9011

This Product Shown In Visual Is **Premium G-9009**

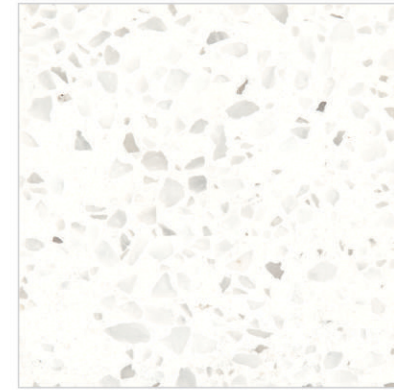




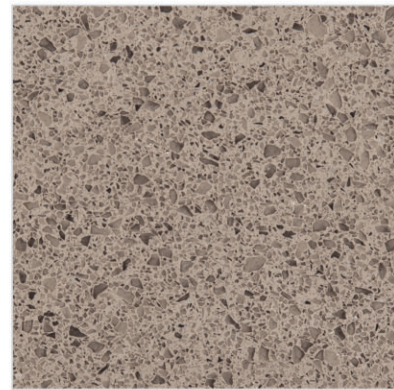
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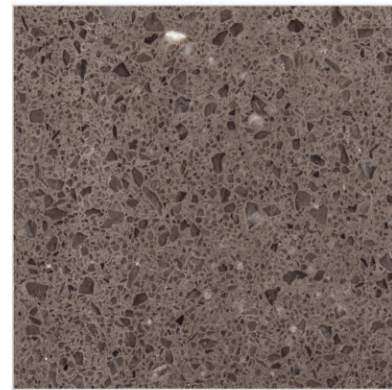
R-7006



R-7007



R-7009



R-7010



S-2022



SW-2009



SW-2019



SW-2020



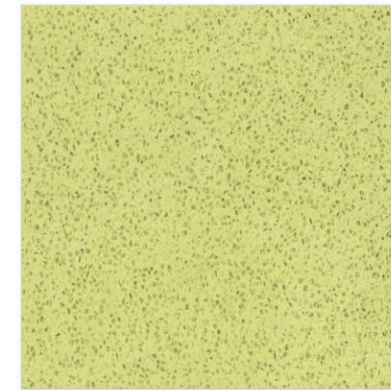
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P-2002



P-2003



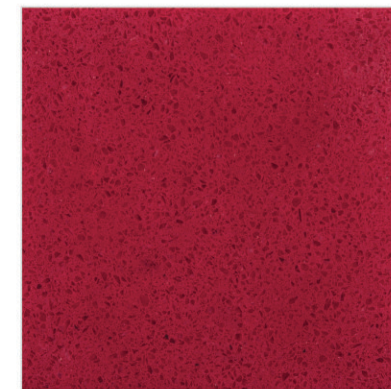
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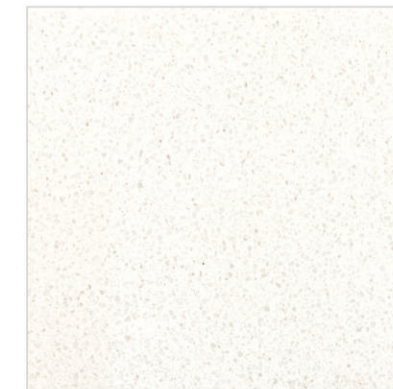
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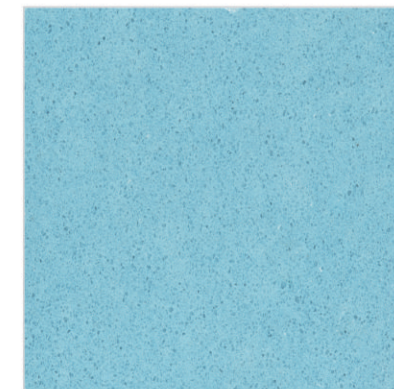
P-2008



P-2010



P-2011



P-2012