STACEY
PROCESSING LTD
Ryder Point Works, Wirksworth, Matlock, Derbyshire. DE4 4HE
Tel: 01629 825188 Email: enquiries@stacey-processing.com

# ***Technical Specification Sheet***

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|---|---|
| ***Product Name:*** | Glass Filtration Media |
| ***Grades:*** | 0.4mm – 1.0mm |
| ***Colour:*** | Mixed Colour |
| ***Product Description:*** | Dried, Clean, Sodium Silica Recycled Glass Cullet - < 0.2% Moisture |
| ***Particle Shape:*** | Sub-angular, Granular |
| ***Supplier:*** | **Stacey Processing Limited**<br>**Ryder Point Works**<br>**Wirksworth**<br>**Matlock**<br>**Derbyshire**<br>**DE4 4HE**<br>**Tel/Fax: 01629 825188** |
| ***Contact:*** | **Tony Stacey** |

***Chemical Composition:*** *Silica Oxide ($sio^2$) 72.20%, Sodium Oxide ($Na^2O$) 13.30%, Calcium Oxide (CaO) 10.90%, Aluminium Oxide ($Al^2O^3$) 1.50%, Magnesium Oxide (MgO) 0.45%, Potassium Oxide ($K^2O$) 1.65%, Sulphur Trioxide ($SO^3$) 0.16%, Iron Oxide ($Fe^2O^3$) 0.07%, Titanium Dioxide ($TiO^2$) 0.06%, Barium Oxide (BaO) 0.04%, Chromium Oxide ($Cr^2O^3$)0.02%.*

***Typical Analysis***

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|---|---|
| ***Top Size*** | ***1.0mm*** |
| ***Bottom Size*** | ***0.4mm*** |
| ***Oversize*** | ***2.80%*** |
| ***Under Size*** | ***2.20%*** |
| ***Effective Size*** | ***0.525mm*** |
| ***Uniformity Coefficient*** | ***1.41*** |
| ***Minimum Size*** | ***0.385mm*** |
| ***Specific Gravity*** | ***2.52*** |
| ***Packed Bulk Density*** | ***1.50/kg/l*** |
| ***Bulk Modulus*** | ***43 GPA*** |

*Made from Recycled Glass Bottles*