| CODE | PRODUCT NAME | CAS NO. | PACKING | PRICE (indian ₹) | PACKING | PRICE (Indian ₹) |
|---|---|---|---|---|---|---|
| FR 096 | **Fullerene C60 95%+** | 99685-96-8 | 500 mg | 14404 | 1 gm | 18090 |
| | True Density: ~ 1.7 g/cm3, Colour: black | | 5 gm | 84060 | 25 gm | POR |
| FR 097 | **Fullerene C60 98%+** | 99685-96-8 | 500 mg | 17019 | 1 gm | 20709 |
| | True Density: ~ 1.7 g/cm3, Colour: black | | 5 gm | 92079 | 25 gm | POR |
| FR 098 | **Fullerene C60 99%+** | 99685-96-8 | 500 mg | 18099 | 1 gm | 24039 |
| | True Density: ~ 1.7 g/cm3, Colour: black | | 5 gm | 109089 | 25 gm | POR |
| FR 099 | **Fullerene C60 99.5%+** | 99685-96-8 | 500 mg | 20709 | 1 gm | 28071 |
| | True Density: ~ 1.7 g/cm3, Colour: black | | 5 gm | 117909 | 25 gm | POR |
| FR 100 | **Fullerene C60 99.9%+** | 99685-96-8 | 500 mg | 24039 | 1 gm | 33309 |
| | True Density: ~ 1.7 g/cm3, Colour: black | | 5 gm | 135909 | 25 gm | POR |
| FR 105 | **Fullerene C70 95%+** | 115383-22-7 | 100 mg | 12069 | 500 mg | 53019 |
| | Colour: black | | 1 gm | 96093 | 5 gm | POR |
| FR 106 | **Fullerene C70 98%+** | 115383-22-7 | 100 mg | 13509 | 500 mg | 57069 |
| | Colour: black | | 1 gm | 104099 | 5 gm | POR |
| FR 108 | **Fullerene C70 99%+** | 115383-22-7 | 100 mg | 15804 | 500 mg | 59490 |
| | Colour: black | | 1 gm | 104499 | 5 gm | POR |
| FR 117 | **Fullerenol powder** (hydroxylated fullerence C60) | ---------- | 100 mg | 27090 | 1 gm | 190809 |
| | Formula: C60(OH)n, n~24-28 [Colour: dark brown or black] | | | | | |
| GR 540 | **Graphene >97%** | 1034343-98-0 | 1 gm | 16209 | 5 gm | 76590 |
| | Size<6 $\mu$m Layers <10 | | | | | |
| GR 531 | **Graphene >98%** | 1034343-98-0 | 1 gm | 34029 | 5 gm | 89109 |
| | Size 0.5-3 $\mu$m Layers <10 Thickness 0.55-3.74nm | | | | | |
| GR 504 | **Graphene >98%** | 1034343-98-0 | 1 gm | 39069 | 5 gm | 96039 |
| | Size 1-5 $\mu$m Layers <3 | | | | | |
| GR 513 | **Graphene >98%** | 1034343-98-0 | 1 gm | 37089 | 5 gm | 94059 |
| | Size 8-15 $\mu$m Layers <3 | | | | | |
| GR 522 | **Graphene >98%** | 1034343-98-0 | 1 gm | 38079 | 5 gm | 95049 |
| | Size>50 $\mu$m Layers:<3 | | | | | |
| GR 549 | **Graphene powder >99%** (Single layer) | 1034343-98-0 | 1 gm | 17109 | 5 gm | 78039 |
| | Thickness:0.6-1.2nm, Length:0.8-2 $\mu$m | | | | | |
| GR 110 | **Graphene Powder 99% (Single Layer)** | 1034343-98-0 | 10 mg | 10800 | 100 mg | 37080 |
| | Thickness : 0.6-1.2nm, Length:0.8-2 $\mu$m | | 250 mg | 64800 | 1 gm | 216090 |
| GR 115 | **Graphene Powder 99% (Multi Layer)** | 1034343-98-0 | 10 mg | 10800 | 100 mg | 37080 |
| | Thickness : 1.5-3.0nm, Length:5-10$\mu$m | | 250 mg | 64800 | 1 gm | 216090 |
| GR 558 | **Graphene powder >99% (Multi layer)** | 1034343-98-0 | 1 gm | 17910 | 5 gm | 79929 |
| | Thickness:1.5-3.0nm, Length:5-10 $\mu$m | | | | | |
| GR 100 | **Graphene 99.5%** | 1034343-98-0 | 1 gm | 18090 | 5 gm | 81090 |
| | No of layers: >10, Lateral Size 5-10$\mu$m, Thickness 8-12nm | | 25 gm | POR | 100 gm | POR |
| GR 120 | **Graphene Nanoplatelets 99.5%** | ---------- | 1 gm | 38070 | 5 gm | 79200 |
| | 5-10$\mu$m,Thickness : 8-12nm | | | | | |
| GR 105 | **Graphene Oxide 99%+** | ---------- | 1 gm | 14400 | 5 gm | 65700 |
| | Thickness : 1.5nm, Size : 1-50$\mu$m | | 25 gm | 306000 | 100 gm | POR |
| GR 125 | **Monolayer Graphene on SiO2/Si (10mm x 10mm)-Pack 4 units** | ---------- | | | 1units | 105030 |
| | Graphene Film Transparency : >97 % Coverage : >95% | | | | | |
| | Thickness (theoretical) : 0.345 nm | | | | | |
| GR 130 | **Monolayer Graphene on Cu (60 mm x 40 mm)** | ---------- | | | 1 unit | 72900 |
| | Graphene Film Growth method : CVD synthesis | | | | | |
| | Appearance (color) : Transparent Transparency : > 97% | | | | | |
| | Appearance (form) : Film Coverage : > 95% | | | | | |
| | Number of graphene layers : 1 | | | | | |

# Fullerene & Graphene Range of Products

| CODE | PRODUCT NAME | CAS NO. | PACKING | PRICE (indian ₹) | PACKING | PRICE (Indian ₹) |
|---|---|---|---|---|---|---|
| GR 135 | **Monolayer Graphene on SiO2/Si (1 inch x 1 inch)**<br>Graphene Film Transparency : > 97 %<br>Coverage : > 95% Thickness (theoretical) : 0.345 nm<br>FET Electron Mobility on Al2O3 : 2000 cm2/Vs<br>Hall Electron Mobility on SiO2/Si : 4000 cm2/Vs<br>Sheet Resistance : 450±40 Ohms/sq (1cm x1cm) | | | | 1 unit | 189090 |
| GR 140 | **Bilayer Graphene on SiO2/Si (10 mm x 10 mm)**<br>Transparency : >94 % Color : Transparent<br>Coverage : >95% Number of graphene layers : 2<br>Thickness (theoretical) : 0.69 nm<br>Sheet resistance : 330±30 Ohms/sq (1cm x 1cm) | | | | 1 unit | 189090 |
| GR 145 | **Trilayer Graphene on SiO2/Si (10 mm x 10 mm)**<br>Transparency : >92 % Color : Transparent<br>Coverage : >95% Number of graphene layers : 3<br>Thickness (theoretical) : 1.035 nm | | | | 1 unit | 243900 |
| GR 150 | **Graphene Oxide (4 mg/mL, Water Dispersion 1000 ml)**<br>Form : Dispersion of graphene oxide sheets<br>Sheet dimension : Variable Color: Yellow-brown<br>Odor : Odorless Dispersibility : Polar solvents<br>Solvent : Water Concentration : 4 mg/ml | | 250 ml | 63090 | 50 ml<br>1000 ml | 27090<br>250169 |
| GR 155 | **Reduced Graphene Oxide**<br>Form : Powder Reduction method: Chemically reduced<br>Sheet dimension : Variable Color : Black Odor: Odorless<br>Solubility : Insoluble Electrical conductivity : 666,7 S/m (*)<br>BET surface area : 422.69 – 499.85 m2/g Density : 1.91 g/cm3 | | | | 1 gm | 72090 |
| GR 160 | **Monolayer Graphene on Cu (4 Inches)**<br>Graphene Film Growth method : CVD synthesis<br>Appearance (color) : Transparent Transparency: > 97%<br>Appearance (form) : Film Coverage : > 95%<br>Number of graphene layers : 1 Thickness (theoretical) : 0.345 nm<br>FET Electron Mobility on Al2O3: 2000 cm2/Vs<br>Substrate Cu Foil Thickness : 18 m | | | | 1 unit | 153900 |
| GR 165 | **Monolayer Graphene on Cu (1 inch x 1 inch)**<br>Graphene Film Growth method: CVD synthesis<br>Appearance (color): Transparent Transparency: > 97%<br>Appearance (form): Film Coverage: > 95%<br>Number of graphene layers: 1 Thickness (theoretical): 0.345 nm<br>Substrate Cu Foil Thickness: 18 $\mu$m | | | | 1 unit | 54000 |
| GR 170 | **Monolayer Graphene on Cu (10 mm x 10 mm) - Pack 4 units**<br>Graphene Film Growth method: CVD synthesis<br>Appearance (color): Transparent Transparency: > 97%<br>Coverage: > 98% Number of graphene layers: 1<br>Thickness (theoretical): 0.345 nm<br>FET Electron Mobility on Al2O3: 2000 cm2/Vs<br>FET Electron Mobility on SiO2/Si: 4000 cm2/Vs<br>Sheet Resistance on SiO2/Si: 450±40 Ohms/sq (1cm x1cm)<br>Grain size: Up to 10 $\mu$m Substrate Cu Foil Thickness: 18 $\mu$m | | | | 1 unit | 36090 |

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|---|---|---|---|---|---|---|
| GR 175 | **Monolayer Graphene on Cu (12 mm Circular) - Pack 4 units**<br>Graphene Film Growth method : CVD synthesis<br>Appearance (color) : Transparent Transparency : > 97%<br>Appearance (form) : Film Coverage : > 95%<br>Number of graphene layers : 1<br>Thickness (theoretical) : 0.345 nm<br>FET Electron Mobility on Al2O3 : 2000 cm2/Vs<br>Hall Electron Mobility on SiO2/Si : 4000 cm2/V<br>Sheet Resistance on SiO2/Si : 450±40 Ohms/sq (1cm x1cm)<br>Grain size : Up to 10 m Substrate Cu Foil Thickness : 18 m | | | | 1 unit | 36090 |
| GR 180 | **Monolayer Graphene on PET (10 mm x 10 mm) - Pack 4 units**<br>Graphene Film<br>Transparency : > 97% Coverage : > 95%<br>Thickness (theorical) : 0.345 nm<br>FET Electron Mobility on Al2O3 : 2000 cm2/Vs<br>FET Electron Mobility on SiO2/Si : 4000 cm2/Vs<br>Sheet Resistance : 580±50 Ohms/sq (1cm x 1cm)<br>Grain size : Up to 10 m PET Substrate Thickness : 175 μm | | | | 1 unit | 84600 |
| GR 185 | **Monolayer Graphene on PET (25mm x 25mm)**<br>Graphene film Growth Method : CVD synthesis<br>Appearance (Color) : Transparent Transparency > 97%<br>Appearance (Form) : Film Coverage > 95%<br>Number of graphene layers : 1<br>Thickness (theoretical) 0.345 nm<br>Grain size : Up to 10 m Substrate PET<br>Thickness : 175 μm | | | | 1 unit | 106020 |
| GR 190 | **Monolayer Graphene on PET (4" Wafer)**<br>Graphene Film Transparency : > 97%<br>Coverage : > 95% Thickness (theoretical) : 0.345 nm<br>FET Electron Mobility on Al2O3 : 2000 cm2/Vs<br>Hall Electron Mobility on SiO2/Si : 4000 cm2/Vs<br>Sheet Resistance: 580±50 Ohms/sq (1cm x 1cm)<br>Grain size: Up to 10 m PET Substrate<br>Thickness: 175 m | | | | 1 unit | 252900 |
| GR 195 | **Monolayer Graphene on Quartz (4" Wafer)**<br>Graphene Film Transparency: > 97%<br>Coverage: > 95% Thickness (theorical): 0.345 nm<br>FET Electron Mobility on Al2O3: 2000 cm2/Vs<br>Hall Electron Mobility on SiO2/Si: 4000 cm2/Vs<br>Sheet Resistance: 370±10 Ohms/sq (cm x 1cm)<br>Grain size: Up to 10 m Quartz Substrate<br>Thickness: 500 μm Flatness; Bow: 20 μm, Warp: 30 μm<br>Roughness: 6Å (on the polished side) Polished: Double side | | | | 1 unit | 279279 |
| GR 200 | **Monolayer Graphene on Quartz (10 mm x 10 mm) - Pack 4 units**<br>Graphene Film Transparency: > 97%<br>Coverage: > 95% Thickness (theorical): 0.345 nm<br>FET Electron Mobility on Al2O3: 2000 cm2/Vs<br>Hall Electron Mobility on SiO2/Si: 4000 cm2/Vs<br>Sheet Resistance: 370±10 Ohms/sq (cm x 1cm)<br>Grain size: Up to 10 m Quartz Substrate<br>Thickness: 500 μm Flatness; Bow: 20 μm, Warp: 30 μm<br>Roughness: 6Å (on the polished side) Polished: Double side | | | | 1 unit | 86400 |

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|---|---|---|---|---|---|---|
| GR 205 | **Suspended Monolayer Graphene on TEM Grids (Quantifoil Gold) - Pack 4 units**<br>Graphene Film Growth method: CVD Synthesis<br>Transfer method: Wet transfer process<br>Size: 3mm (TEM grid diameter) Appearance (color): Transparent<br>Transparency: > 97% Number of graphene layers: 1<br>Coverage: > 95% Thickness (theoretical): 0.345 nm<br>FET mobility on Al2O3: 2800 cm2/Vs<br>Hall mobility on SiO2: 3500 cm2/Vs Grain size: Up to 10 m | | | | 1 unit | 79200 |