

PVC
CPVC
COMPOUNDS



FOOD GRADES
INDUSTRIAL GRADES



INTERGULF LTD.
AN IFFCO GROUP COMPANY

EXCELLENCE BY DESIGN



Intergulf Ltd., a member of the IFFCO Group of companies, manufacturing world class PVC & CPVC compounds at its modern facility in Port Khalid Sharjah in the United Arab Emirates.

This strategic location at the crossroads of Europe and Asia provides easy access to the raw material suppliers from across the world, gives Intergulf Ltd. unique advantages of price and reach.

IFFCO is a U.A.E based corporation with presence across the world, IFFCO manufacturers and markets a wide range of integrated mass market consumer products covering Food and Beverage, Personal Care and Cleaning, Industrial Products and Packaging. Its brands are sold in over eighty countries.

Our 50,000 Metric Ton per annum PVC production facility utilizes the latest equipment including Thyssen Henschel and Plasmec compounding plants as well as Coperion / Werner & Pfleiderer, Buss and Plasmec granulators.

Our compounds have a reputation of high quality product across the markets of Europe, AGCC, Middle East, Africa and Asia.



QUALITY ASSURANCE AND CONSISTENCY IS THE KEY TO OUR EXCELLENCE

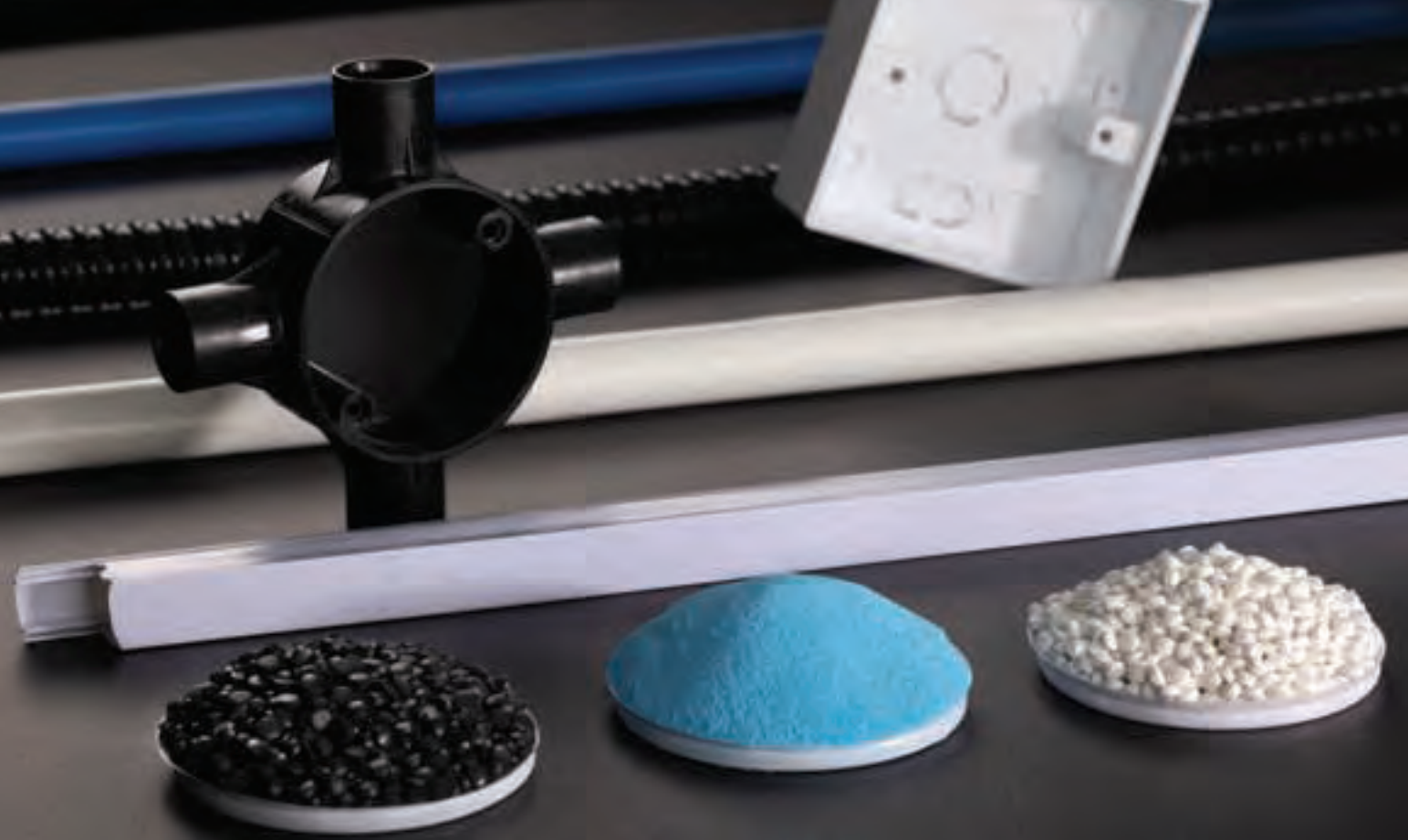
EMVIN brand is used in the sensitive Food, Pharmaceutical, Water, Electricity, Construction Industries and other Consumer related applications dictates the highest standard of manufacturing as well as quality control. We ensure consistent testing of raw materials, controlled production processes and stringent quality checks of finished products. Our state-of-the-art production facilities are ISO 9001 certified and our laboratories are manned by highly trained professionals, dedicated to deliver international standards of quality.





PVC Compound For Drainage and Pressure Pipe & Fittings Application

| Grade | Form | Application / Standard | Stablization | Specific Gravity (± 0.02) | VSP ($^{\circ}\text{C}$) | Impact Strength (J/m) | Tensile Strength N/mm ² |
|---------------------------|----------|---|--------------|---------------------------------|----------------------------|-----------------------|------------------------------------|
| FIPO 202 Dark Grey | Granules | Pressure Fittings | Lead Free | 1.39 | 74 \pm 2 | ≥ 40 | ≥ 45 |
| FIPO 203 Dark Grey | Granules | Pressure Fittings / SCH 80 / ASTM D1785 | Lead | 1.44 | 80 \pm 2 | ≥ 45 | ≥ 45 |
| FINO 206 T Brown | Granules | Non-Pressure Fittings | Lead | 1.42 | 80 \pm 2 | ≥ 25 | ≥ 45 |
| FINO 204 Grey / T Brown | Granules | Non-Pressure Fittings / BS EN 1329 / 1401 | Lead | 1.42 | 80 \pm 2 | ≥ 25 | ≥ 45 |
| FINO 600 L Grey / T Brown | Granules | Non-Pressure Fittings / BS EN 1329 / 1401 | Lead Free | 1.39 | 80 \pm 2 | ≥ 45 | ≥ 45 |
| FINO 119 White / Grey | Granules | Non-Pressure Fittings / SCH 40 / ASTM D1785 | Lead Free | 1.41 | ≥ 72 | ≥ 45 | ≥ 45 |
| FINO 115 White | Granules | Non-Pressure Fittings | Lead Free | 1.44 | ≥ 72 | ≥ 50 | ≥ 45 |
| FINO 130 White | Granules | Non-Pressure Fittings / High Impact | Lead Free | 1.37 | ≥ 70 | ≥ 500 | ≥ 45 |
| PPRO 200 Grey | Powder | Pressure Pipe | Lead | 1.41 | 84 \pm 2 | ≥ 50 | ≥ 45 |
| PNPO 201 Grey | Powder | Non-Pressure Pipe | Lead | 1.52 | 84 \pm 2 | ≥ 40 | ≥ 40 |
| PNPO 207 White | Powder | Non-Pressure Pipe | Lead | 1.65 | 84 \pm 2 | ≥ 15 | ≥ 25 |
| PNPO 208 White | Powder | Non-Pressure Pipe | Lead | 1.54 | 84 \pm 2 | ≥ 40 | ≥ 40 |
| WEL0 200 Blue | Powder | Well Casing Pipe | Lead | 1.41 | 84 \pm 2 | ≥ 50 | ≥ 45 |



PVC Compound For Electrical Conduit Pipe & Fittings Application

| Grade | Form | Application | Specification |
|------------------------|----------|------------------|--|
| CONO 201 Bluish White | Powder | Conduit Pipe | Specific Gravity 1.49 ± 0.02 / VSP@5Kg $84 \pm 2^\circ\text{C}$ |
| CONO 202 Black / White | Powder | Conduit Pipe | Specific Gravity 1.55 ± 0.02 / VSP@5Kg $82 \pm 2^\circ\text{C}$ |
| CONO 206 White | Powder | Conduit Pipe | Specific Gravity 1.60 ± 0.02 / VSP@5Kg $82 \pm 2^\circ\text{C}$ |
| FELO 102 White | Granules | Conduit Fittings | General Purpose / Specific Gravity 1.39 ± 0.02 / VSP@5Kg $72 \pm 2^\circ\text{C}$ |
| FELO 102 Black | Granules | Conduit Fittings | Excellent Shine, Easy Flow / Specific Gravity 1.38 ± 0.02 / VSP@5Kg $72 \pm 2^\circ\text{C}$ |
| FELO 103 White | Granules | Conduit Fittings | Specific Gravity 1.44 ± 0.02 / VSP@5Kg $74 \pm 2^\circ\text{C}$ |
| FELO 110 White | Granules | Conduit Fittings | Specific Gravity 1.52 ± 0.02 / VSP@5Kg $71 \pm 2^\circ\text{C}$ |



PVC Compound For Bottle / Shrink Film / Cling Film Application (Food Grade)

| Grade | Form | Application | Specification |
|----------------|----------|-------------|---|
| PRB0 101 Clear | Granules | Bottle | Specific Gravity 1.36 ± 0.02 / Low Impact |
| PRB0 102 Clear | Granules | Bottle | Specific Gravity 1.35 ± 0.02 / Medium Impact |
| PRB0 105 Clear | Granules | Bottle | Specific Gravity 1.34 ± 0.02 / Medium Impact |
| PRB0 107 Clear | Granules | Bottle | Specific Gravity 1.32 ± 0.02 / High Impact |
| PRB1 103 Clear | Granules | Bottle | Low Impact with UV Stabilized |
| PRF0 100 Clear | Granules | Shrink Film | Specific Gravity 1.35 ± 0.02 / Rigid Packaging |
| PRF0 102 Clear | Granules | Shrink Film | Semi Rigid Packaging |
| PRF0 104 Blue | Granules | Shrink Film | Specific Gravity 1.34 ± 0.02 / Semi Rigid Packaging |
| PRF0 107 Blue | Granules | Shrink Film | Specific Gravity 1.31 ± 0.02 / Semi Rigid Packaging |
| PFF0 302 Clear | Granules | Cling Film | Specific Gravity 1.21 ± 0.02 / Comply with EU Commission Regulation 10/2011 |



PVC Compound For Cable Application

| Grade | Form | Application | Standard |
|-----------------------------|----------|---|---|
| CINO 305 Natural | Granules | General Purpose Cable Insulation (TI-1) | BS EN 50363-3:2005 |
| CINO 300 Natural | Granules | Flexible Cable Insulation (TI-2) | BS EN 50363-3:2005 |
| CINO 315 Natural | Granules | Heat Resistant Cable Insulation and Sheathing (TI-3 / TM-3) | BS EN 50363-3:2005 / BS EN 50363-4.1:2005 |
| CSHO 309 Black | Granules | Cable Sheathing (ST1 / ST2 / Type 9) | BS 7655-4.2 / IEC 60502-1 |
| CSHO 308 Black | Granules | General Purpose Fixed Installation Cable Sheathing (TM-1) | BS EN 50363-4.1 |
| CSHO 302 White | Granules | Flexible General Purpose Cable Sheathing (TM-2) | BS EN 50363-4.1 |
| CFIO 301 Natural | Granules | General Purpose Cable Insulation (TI1 & Type C / FR) | BS EN 50363-3:2005 / IEC 60227-1:2007 |
| CFSO 302 Black | Granules | Cable Sheathing (ST2 / Type 9 / Flame Retardant) | BS 7655-4.2 / IEC 60502-1 |
| CFS1 210 Black | Granules | Cable Sheathing (TM3 / TM53 / FR / UV) | BS EN 50363-4.1:2005 / BS EN 50290-2.22 |
| CLS1 312 Natural | Granules | Cable Sheathing (TM3 / TM53 FRLS UV) | BS EN 50363-4.1:2005 / BS EN 50290-2.22 |
| CLS0 309 Natural / Black | Granules | Cable Sheathing (ST2 / Type 9 / FRLS) | BS 7655-4.2 / IEC 60502-1 |
| CLS1 310 Black | Granules | Cable Sheathing (TM1 / TM51 / FRLS / UV) | BS EN 50363-4.1 / BS EN 50290-2.22 |
| CBD0 304 Black | Granules | Cable Sheathing Bedding / Type-6 | BS 7655-4.2 / IEC 60502-1 |

Notes : UV / AT / AR / OR / HCR specifications are also available with our standard grades.



PVC Compound For Technical and Window Profiles / Waterstop / Gasket / Skirting Application

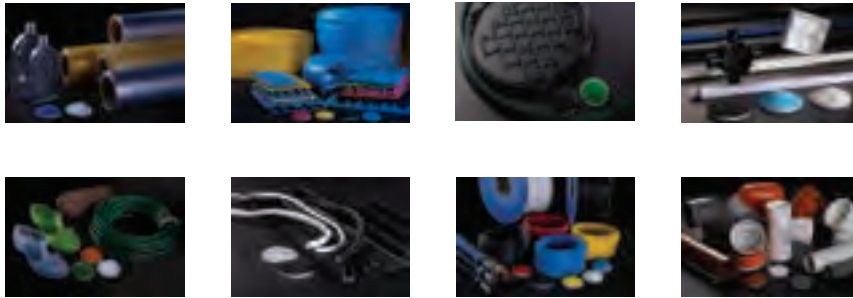
| Grade | Form | Application | Specification |
|-----------------------|----------|--------------------|---|
| PRT0 202 Grey / Black | Granules | Technical Profiles | Specific Gravity 1.46 ± 0.02 / Shore D Hardness 80 ± 2 |
| PRT0 109 Clear | Powder | Technical Profiles | Specific Gravity 1.24 ± 0.02 / Shore A Hardness 90 ± 2 / Semi Rigid |
| PRW0 302 White | Powder | Window Profiles | Specific Gravity 1.52 ± 0.02 / VSP@5Kg $82 \pm 2^\circ\text{C}$ |
| WAS0 300 Blue | Granules | Waterstop Profiles | Specific Gravity 1.37 ± 0.02 / TS $>14 \text{ N/mm}^2$ / Elongation $>300 \text{ N/mm}^2$ |
| WAS0 306 Blue | Granules | Waterstop Profiles | Specific Gravity 1.54 ± 0.02 / TS $>10 \text{ N/mm}^2$ / Elongation $>250 \text{ N/mm}^2$ |
| MBR1 301 White | Granules | Membrane | Specific Gravity 1.31 ± 0.02 / TS $>17 \text{ N/mm}^2$ / Elongation $>300 \text{ N/mm}^2$ / UV Stabilized |
| GAS0 301 Black | Granules | Gasket | Specific Gravity 1.69 ± 0.02 / Shore A Hardness 70 ± 2 |
| GAS0 200 Natural | Granules | Gasket | Specific Gravity 1.49 ± 0.02 / Shore A Hardness 70 ± 2 |
| SKIO 200 Natural | Granules | Skirting | Specific Gravity 1.54 ± 0.02 / Shore A Hardness 90 ± 2 |
| SKIO 202 Natural | Granules | Skirting | Specific Gravity 1.58 ± 0.02 / Shore A Hardness 95 ± 2 |



PVC Compound for Wire Coating / Hose / Shoe Application

| Grade | Form | Application | Specification |
|--|----------|--------------|---|
| WIF0 200 / 204 / 318 (Green / Blue / Red) | Granules | Wire Coating | Specific Gravity 1.32 to 1.38 ± 0.02 / TS >25 N/mm ² / Elongation >275 N/mm ² |
| WIF1 210 / 318 / 222 (Green / Grey) | Granules | Wire Coating | Specific Gravity 1.32 to 1.38 ± 0.02 / TS >25 N/mm ² / Elongation >275 N/mm ² / UV Stabilized |
| HOSO 101 Natural | Granules | Hose | Specific Gravity 1.21 ± 0.02 / Shore A Hardness 75 ± 2 / Transparent |
| HOSO 405 Natural | Granules | Hose | Specific Gravity 1.41 ± 0.02 / Shore A Hardness 76 ± 2 / Opaque |
| HOS1 403 Grey / White / Pink | Granules | Hose | Specific Gravity 1.38 ± 0.02 / Shore A Hardness 82 ± 2 / UV Stabilized / Opaque |
| HOSO 402 Clear / Bluish Clear | Granules | Hose | Specific Gravity 1.24 ± 0.02 / Shore A Hardness 82 ± 2 / Transparent |
| SHOO 401 Natural | Granules | Shoe | Specific Gravity 1.25 ± 0.02 / Shore A Hardness 60 ± 2 / Opaque |
| SHOO 410 Clear | Granules | Shoe | Specific Gravity 1.17 ± 0.02 / Shore A Hardness 66 ± 2 / Clear and Bright |

**OFFERING QUALITY AND VALUE
BEYOND CUSTOMER'S EXPECTATIONS**



Our EMVIN brand of PVC compounds cater to a wide range of industries such as Pipes, Fittings, Electrical Cables, Wire Fencing, Footwear, Rigid & Flexible Profiles, Membrane, Flexible Hoses, Gaskets, Bottles, Shrink Films and Cling Films (Food Grade).



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