

# Fainplast PVC KL 96/5

Polyvinyl Chloride  
Fainplast Compounds S.r.l

Message:

Fainplast PVC KL 96/5 is a Polyvinyl Chloride product. It is available in Africa & Middle East, Europe, Latin America, or North America. Typical application: Wire & Cable.

| General Information       |                           |                   |               |
|---------------------------|---------------------------|-------------------|---------------|
| Uses                      | Insulation                |                   |               |
|                           | Wire & Cable Applications |                   |               |
| Wire Types                | MTW                       |                   |               |
|                           | UL Style 1063             |                   |               |
| Agency Ratings            | UL 1581, Class 43         |                   |               |
| Physical                  | Nominal Value             | Unit              | Test Method   |
| Density                   | 1.34 to 1.38              | g/cm <sup>3</sup> | ISO 1183      |
| Hardness                  | Nominal Value             | Unit              | Test Method   |
| Shore Hardness (Shore A)  | 94 to 98                  |                   | ISO 868       |
| Mechanical                | Nominal Value             | Unit              | Test Method   |
| Tensile Stress (Break)    | > 19.0                    | MPa               | ISO 527-2     |
| Tensile Strain (Break)    | > 250                     | %                 | ISO 527-2     |
| Thermal                   | Nominal Value             | Unit              | Test Method   |
| Thermal Stability         | > 3                       | hr                | CEI 20-34/3-2 |
| Electrical                | Nominal Value             | Unit              | Test Method   |
| Volume Resistivity (23°C) | 1.0E+15                   | ohms · cm         | ASTM D257     |
| Flammability              | Nominal Value             | Unit              | Test Method   |
| Oxygen Index              | 30 to 32                  | %                 | ISO 4589-2    |

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