

# Karina BLACK PVC COMPOUND -E 75850D48/1-B-IS

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

## Message:

Karina BLACK PVC COMPOUND -E 75850D48/ 1-B-IS is a Polyvinyl Chloride product. It is available in Latin America.

| General Information                     |                                 |                   |             |
|-----------------------------------------|---------------------------------|-------------------|-------------|
| Appearance                              | Black                           |                   |             |
| Physical                                | Nominal Value                   | Unit              | Test Method |
| Specific Gravity <sup>1</sup>           | 1.35 to 1.41                    | g/cm <sup>3</sup> | ASTM D792   |
| Color                                   | OK                              |                   | ME 12       |
| Color a                                 | -0.690 to 0.910                 |                   | ME 12       |
| Color b                                 | -1.32 to 0.280                  |                   | ME 12       |
| Color L                                 | 26.6 to 28.2                    |                   | ME 12       |
| Maximum Variation of Elongation         | < 45                            | %                 | NBR 9148    |
| Maximum Variation of Tensile Strength   | < 30                            | %                 | NBR 9148    |
| Hardness                                | Nominal Value                   | Unit              | Test Method |
| Durometer Hardness (Shore A, 15 sec)    | 83 to 87                        |                   | ASTM D2240  |
| Mechanical                              | Nominal Value                   | Unit              | Test Method |
| Tensile Strength                        | > 14.7                          | MPa               | ASTM D638   |
| Tensile Elongation (Yield)              | > 200                           | %                 | ASTM D638   |
| Elastomers                              | Nominal Value                   | Unit              | Test Method |
| Tensile Strength <sup>2</sup>           | > 14.7                          | MPa               | ASTM D638   |
| Tensile Elongation <sup>3</sup> (Break) | > 200                           | %                 | ASTM D638   |
| Electrical                              | Nominal Value                   | Unit              | Test Method |
| Volume Resistivity <sup>4</sup>         | > 1.0E+14                       | ohms·cm           | ASTM D257   |
| NOTE                                    |                                 |                   |             |
| 1.                                      | 24 hr                           |                   |             |
| 2.                                      | Aged in Air for 240 hr at 100°C |                   |             |
| 3.                                      | Aged in Air for 240 hr at 100°C |                   |             |
| 4.                                      | 24 hr                           |                   |             |

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

