

# Karina GREEN PVC COMPOUND

## 960-40/308-IS

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

Karina GREEN PVC COMPOUND 960-40/308-IS is a Polyvinyl Chloride product. It is available in Latin America. Primary characteristic: flame rated.

| General Information                   |                                 |             |             |
|---------------------------------------|---------------------------------|-------------|-------------|
| Appearance                            | Green                           |             |             |
| Physical                              | Nominal Value                   | Unit        | Test Method |
| Specific Gravity <sup>1</sup>         | 1.30 to 1.36                    | g/cm³       | ASTM D792   |
| Color                                 | OK                              |             | ME 12       |
| Color a                               | -8.22 to -5.22                  |             | ME 12       |
| Color b                               | 0.200 to 3.20                   |             | ME 12       |
| Color L                               | 31.3 to 34.3                    |             | ME 12       |
| Maximum Variation of Elongation       | < 40                            | %           | ASTM D412   |
| Maximum Variation of Tensile Strength | < 25                            | %           | ASTM D412   |
| Hardness                              | Nominal Value                   | Unit        | Test Method |
| Durometer Hardness (Shore D, 3 sec)   | 50 to 56                        |             | ASTM D2240  |
| Elastomers                            | Nominal Value                   | Unit        | Test Method |
| Tensile Strength                      |                                 |             | ASTM D412   |
| --                                    | > 20.6                          | MPa         |             |
| -- <sup>2</sup>                       | > 15.5                          | MPa         |             |
| Tensile Elongation                    |                                 |             | ASTM D412   |
| Yield                                 | > 250                           | %           |             |
| Break <sup>3</sup>                    | > 150                           | %           |             |
| Thermal                               | Nominal Value                   | Unit        | Test Method |
| Brittleness Temperature               | < -10.0                         | °C          | ASTM D746   |
| Flammability                          | Nominal Value                   | Test Method |             |
| Flame Rating                          | V-0                             |             | UL 94       |
| NOTE                                  |                                 |             |             |
| 1.                                    | 24 hr                           |             |             |
| 2.                                    | Aged in Air for 240 hr at 105°C |             |             |
| 3.                                    | Aged in Air for 240 hr at 105°C |             |             |

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