

# Karina WHITE PVC COMPOUND 850-10/1-F-IS

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

## Message:

PVC COMPOUND RECOMMENDED FOR EXTRUSION OF FLEXIBLE PROFILES AND NON STANDARD COAXIAL CABLE JACKET. ALSO RECOMMENDED FOR PLUG INJECTION.

| General Information |                           |
|---------------------|---------------------------|
| Uses                | Cable Jacketing           |
|                     | Plugs                     |
|                     | Profiles                  |
|                     | Wire & Cable Applications |

|                   |                   |
|-------------------|-------------------|
| Appearance        | White             |
| Processing Method | Extrusion         |
|                   | Injection Molding |
|                   | Profile Extrusion |

| Physical                      | Nominal Value  | Unit              | Test Method |
|-------------------------------|----------------|-------------------|-------------|
| Specific Gravity <sup>1</sup> | 1.47 to 1.53   | g/cm <sup>3</sup> | ASTM D792   |
| Cadmium Content               | < 50           | ppm               | IEC 62321   |
| Chromium Content              | < 100          | ppm               | IEC 62321   |
| Color                         | 0.00OK         |                   | ME 12       |
| Color a                       | -2.02 to 0.980 |                   | ME 12       |
| Color b                       | 0.0700 to 3.07 |                   | ME 12       |
| Color L                       | 90.0 to 93.0   |                   | ME 12       |
| Mercury Content               | < 100          | ppm               | IEC 62321   |
| Bromine Content               | < 100          | ppm               | IEC 62321   |
| Lead Content                  | < 100          | ppm               | IEC 62321   |

| 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           | > 9.81        | MPa  | ASTM D638   |
| Tensile Elongation (Yield) | > 200         | %    | ASTM D638   |

| Thermal                 | Nominal Value | Unit | Test Method |
|-------------------------|---------------|------|-------------|
| Brittleness Temperature | < -12.0       | °C   | ASTM D746   |

| NOTE |       |
|------|-------|
| 1.   | 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

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



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