

# Karina COMP. PVC IVORY -E 75930-35/ 1-F-AC-HSF

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

## Message:

HEAVY METAL FREE PVC COMPOUND - HIGH LEVEL OF OXYGEN - RECOMMENDED FOR EXTRUSION OF CABLE / WIRE COATING TYPES CM AND CMR.

| General Information                     |                                 |                   |             |
|-----------------------------------------|---------------------------------|-------------------|-------------|
| Uses                                    | Wire & Cable Applications       |                   |             |
| Appearance                              | Ivory                           |                   |             |
| Processing Method                       | Extrusion                       |                   |             |
| Physical                                | Nominal Value                   | Unit              | Test Method |
| Specific Gravity <sup>1</sup>           | 1.51 to 1.57                    | g/cm <sup>3</sup> | ASTM D792   |
| Cadmium Content                         | < 50                            | ppm               | ASTM D1971  |
| Chromium Content                        | < 100                           | ppm               | ASTM D1971  |
| Color                                   | OK                              |                   | ME 12       |
| Color a                                 | 0.850 to 2.85                   |                   | ME 12       |
| Color b                                 | 6.32 to 8.32                    |                   | ME 12       |
| Color L                                 | 85.6 to 87.6                    |                   | ME 12       |
| Mercury Content                         | < 100                           | ppm               | ASTM D1971  |
| Lead Content                            | < 100                           | ppm               | ASTM D1971  |
| Hardness                                | Nominal Value                   | Unit              | Test Method |
| Durometer Hardness (Shore A, 15 sec)    | 86 to 90                        |                   | ASTM D2240  |
| Mechanical                              | Nominal Value                   | Unit              | Test Method |
| Tensile Strength                        | > 14.7                          | MPa               | ASTM D638   |
| Tensile Elongation (Yield)              | > 150                           | %                 | ASTM D638   |
| Elastomers                              | Nominal Value                   | Unit              | Test Method |
| Tensile Strength <sup>2</sup>           | > 14.7                          | MPa               | ASTM D638   |
| Tensile Elongation <sup>3</sup> (Break) | > 150                           | %                 | ASTM D638   |
| Electrical                              | Nominal Value                   | Unit              | Test Method |
| Volume Resistivity <sup>4</sup>         | > 1.0E+14                       | ohms · cm         | ASTM D257   |
| Flammability                            | Nominal Value                   | Unit              | Test Method |
| Oxygen Index                            | > 38                            | %                 | ASTM D2863  |
| 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                           |                   |             |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

