

## Karina E 830-35/1-Y-ERYB-LMP Ivory PVC Compound

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Extruded

**Material Notes:**

Heavy metal free PVC compound recommended for extrusion of furniture profiles/.p>Information provided by Karina Indústria e Comércio de Plásticos Ltda.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Karina-E-830-351-Y-ERYB-LMP-Ivory-PVC-Compound.php](http://www.lookpolymers.com/polymer_Karina-E-830-351-Y-ERYB-LMP-Ivory-PVC-Compound.php)

| Physical Properties | Metric           | English          | Comments       |
|---------------------|------------------|------------------|----------------|
| Specific Gravity    | 1.39 - 1.45 g/cc | 1.39 - 1.45 g/cc | ASTM D 792     |
| ASTM Color          | -6.22 - -3.22    | -6.22 - -3.22    | Color A, ME 12 |
|                     | 20.44 - 23.44    | 20.44 - 23.44    | Color B, ME 12 |
|                     | 81.59 - 84.59    | 81.59 - 84.59    | Color L, ME 12 |

| Mechanical Properties | Metric                    | English                       | Comments                              |
|-----------------------|---------------------------|-------------------------------|---------------------------------------|
| Hardness, Shore D     | 78 - 82<br>@Time 15.0 sec | 78 - 82<br>@Time 0.00417 hour | ASTM D 2240                           |
| Tensile Strength      | >= 45.8 MPa               | >= 6640 psi                   | ASTM D 638                            |
| Modulus of Elasticity | >= 3.33 GPa               | >= 483 ksi                    | ASTM D 638                            |
| Izod Impact, Notched  | >= 0.390 J/cm             | >= 0.731 ft-lb/in             | Method A; ASTM D 256                  |
|                       | >= 0.610 J/cm             | >= 1.14 ft-lb/in              | Reversed Notch (Method E); ASTM D 256 |

| Thermal Properties          | Metric      | English    | Comments    |
|-----------------------------|-------------|------------|-------------|
| Vicat Softening Point       | >= 80.0 Â°C | >= 176 Â°F | ASTM D 1525 |
| Heat Distortion Temperature | >= 75.0 Â°C | >= 167 Â°F | ASTM D 648  |
| Flammability, UL94          | V-0         | V-0        |             |

| Descriptive Properties | Value                    | Comments |
|------------------------|--------------------------|----------|
| Application            | General Purpose Profiles |          |

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