

# Alpha PVC AG K580D-N14A NATURAL

Polyvinyl Chloride Elastomer

AlphaGary

Message:

FLEXIBLE CROSS-LINKED PVC BASED ELASTOMER (RUBBER-LIKE TOUCH) INTENDED FOR AUTOMOTIVE APPLICATIONS SUCH AS SHIFT LEVER KNOB AND GRIP. THIS PRODUCT MEETS THE REQUIREMENTS OF TOYOTA.

| General Information                   |                         |                   |             |
|---------------------------------------|-------------------------|-------------------|-------------|
| Features                              | Crosslinkable           |                   |             |
|                                       | Soft                    |                   |             |
| Uses                                  | Automotive Applications |                   |             |
|                                       | Flexible Grips          |                   |             |
|                                       | Knobs                   |                   |             |
| RoHS Compliance                       | Contact Manufacturer    |                   |             |
| Appearance                            | Natural Color           |                   |             |
| Forms                                 | Pellets                 |                   |             |
| Physical                              | Nominal Value           | Unit              | Test Method |
| Specific Gravity                      | 1.21 to 1.27            | g/cm <sup>3</sup> | ASTM D792   |
| Hardness                              | Nominal Value           | Unit              | Test Method |
| Durometer Hardness                    |                         |                   | ASTM D2240  |
| Shore A                               | 57 to 63                |                   |             |
| Shore A, 5 sec                        | 49 to 55                |                   |             |
| Elastomers                            | Nominal Value           | Unit              | Test Method |
| Tensile Stress (100% Strain, 1.91 mm) | 2.59                    | MPa               | ASTM D412   |
| Tensile Strength (1.91 mm)            | 7.58                    | MPa               | ASTM D412   |
| Tensile Elongation (Break, 1.91 mm)   | 310                     | %                 | ASTM D412   |
| Thermal                               | Nominal Value           | Unit              | Test Method |
| Brittleness Temperature               | -40.0                   | °C                | ASTM D746   |

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