

# APEX® 90-A472R-90-NT

Flexible Polyvinyl Chloride

Teknor Apex Company

## Message:

APEX® 90-A472R-90-NT is a Flexible Polyvinyl Chloride material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of APEX® 90-A472R-90-NT are:

- Plasticized
- Radiation (Gamma) Resistant
- Sterilizable

Typical applications include:

- Caps/Lids/Closures
- Engineering/Industrial Parts
- Medical/Healthcare

| General Information                  |                                 |                   |             |
|--------------------------------------|---------------------------------|-------------------|-------------|
| Additive                             | Plasticizer                     |                   |             |
| Features                             | DEHP Plasticizer                |                   |             |
|                                      | Radiation (Gamma) Resistant     |                   |             |
|                                      | Radiation Sterilizable          |                   |             |
| Uses                                 | Caps                            |                   |             |
|                                      | Medical/Healthcare Applications |                   |             |
|                                      | Valves/Valve Parts              |                   |             |
| Appearance                           | Clear/Transparent               |                   |             |
| Forms                                | Pellets                         |                   |             |
| Processing Method                    | Injection Molding               |                   |             |
| Physical                             | Nominal Value                   | Unit              | Test Method |
| Specific Gravity                     | 1.27                            | g/cm <sup>3</sup> | ASTM D792   |
| Hardness                             | Nominal Value                   | Unit              | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 90                              |                   | ASTM D2240  |
| Mechanical                           | Nominal Value                   | Unit              | Test Method |
| Tensile Strength (Break)             | 20.0                            | MPa               | ASTM D638   |
| Tensile Elongation (Break)           | 310                             | %                 | ASTM D638   |

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