

# Laser+® 7000 (B92A)

Polyethylene Terephthalate

DAK Americas LLC

Message:

Laser+ ® 7000 (B92A) is a Polyethylene Terephthalate (PET) material. It is available in Latin America or North America for injection blow molding or stretch blow molding.

Important attributes of Laser+ ® 7000 (B92A) are:

- Copolymer
- Eco-Friendly/Green
- Food Contact Acceptable
- High ESCR (Stress Crack Resistant)
- Typical applications include:
  - Food Contact Applications
  - Bottles

| General Information                |   |                   |                 |
|------------------------------------|---|-------------------|-----------------|
| Features                           | Copolymer                                     |                   |                 |
|                                    | Food Contact Acceptable                       |                   |                 |
|                                    | High ESCR (Stress Crack Resist.)              |                   |                 |
|                                    | Recyclable Material                           |                   |                 |
| Uses                               | Bottles                                       |                   |                 |
| Agency Ratings                     | FDA FCN 635                                   |                   |                 |
|                                    | HPB (Canada) Food Contact, Unspecified Rating |                   |                 |
| Forms                              | Pellets                                       |                   |                 |
| Processing Method                  | Injection Blow Molding                        |                   |                 |
|                                    | Stretch Blow Molding                          |                   |                 |
| Physical                           | Nominal Value                                 | Unit              | Test Method     |
| Bulk Density                       | 833   | kg/m <sup>3</sup> | Internal Method |
| Acetaldehyde                       | < 2.0   | ppm               | Internal Method |
| Color                              |   |                   | Internal Method |
| CIE b*                             | -5.9 to -3.1                                  |                   |                 |
| CIE L*                             | > 67  |                   |                 |
| Crystallinity                      | > 35  | %                 | Internal Method |
| Intrinsic Viscosity                | 0.82 to 0.86                                  | dl/g              | Internal Method |
| Moisture Content - as packaged     | < 0.25  | wt%               | Internal Method |
| Particle Size - Shape (Spherical)  | 3.50  | mm                | Internal Method |
| Chip Size - nominal                | 30.0  | count/g           | Internal Method |
| Fines - as packaged, +24 Mesh Size | < 0.1   | wt%               | Internal Method |
| Thermal                            | Nominal Value                                 | Unit              | Test Method     |
| Melting Temperature                | 242   | °C                | Internal Method |

| Injection          | Nominal Value | Unit |
|--------------------|---------------|------|
| Drying Temperature | 149 to 166    | °C   |
| Drying Time        | 4.0 to 6.0    | hr   |
| Dew Point          | < -36.7       | °C   |

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#### Recommended distributors for this material

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