

# Laser+® C (C60A)

Polyethylene Terephthalate

DAK Americas LLC

Message:

Laser+ ® C (C60A) is a Polyethylene Terephthalate (PET) material. It is available in Latin America or North America for injection blow molding, injection molding, or stretch blow molding.

Important attributes of Laser+ ® C (C60A) are:

- Clarity
- Copolymer
- Eco-Friendly/Green
- Food Contact Acceptable
- Medium Viscosity

Typical applications include:

- Bottles
- Containers
- Food Contact Applications
- Packaging

| General Information |                         |                   |                 |
|---------------------|-------------------------|-------------------|-----------------|
| Features            | Copolymer               |                   |                 |
|                     | Food Contact Acceptable |                   |                 |
|                     | High Clarity            |                   |                 |
|                     | Medium Viscosity        |                   |                 |
|                     | Recyclable Material     |                   |                 |
| Uses                | Bottles                 |                   |                 |
|                     | Containers              |                   |                 |
|                     | Food Packaging          |                   |                 |
| Agency Ratings      | FDA FCN 635             |                   |                 |
| Appearance          | Clear/Transparent       |                   |                 |
| Forms               | Pellets                 |                   |                 |
| Processing Method   | Injection Blow Molding  |                   |                 |
|                     | Injection Molding       |                   |                 |
|                     | Stretch Blow Molding    |                   |                 |
| Physical            | Nominal Value           | Unit              | Test Method     |
| Bulk Density        | 870                     | kg/m <sup>3</sup> | Internal Method |
| Acetaldehyde        | < 2.0                   | ppm               | Internal Method |
| Color               |                         |                   | Internal Method |
| CIE b*              | -5.0 to -1.0            |                   |                 |
| CIE L*              | 85 to 89                |                   |                 |
| Crystallinity       | > 45                    | %                 | Internal Method |
| Intrinsic Viscosity | 0.81 to 0.85            | dl/g              | Internal Method |

|                                       |               |         |                 |
|---------------------------------------|---------------|---------|-----------------|
| Moisture Content - as packaged        | < 0.25        | wt%     | Internal Method |
| Particle Size - Shape (Flat Cylinder) | 3x3x2         | mm      | Internal Method |
| Chip Size - nominal                   | 48.0 to 58.0  | count/g | Internal Method |
| Fines - as packaged, +24 Mesh Size    | < 0.1         | wt%     | Internal Method |
| Thermal                               | Nominal Value | Unit    | Test Method     |
| Melting Temperature                   | 246           | °C      | Internal Method |
| Injection                             | Nominal Value | Unit    |                 |
| Drying Temperature                    | 149 to 171    | °C      |                 |
| Drying Time                           | 4.0 to 6.0    | hr      |                 |
| Dew Point                             | < -36.7       | °C      |                 |

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