

NAME: PET BG-841 (Bottle grade)

Product Description:

Polyethylene Terephthalate bottle grade chips (highly viscous) is a condensation polymer produced by a continuous melt phase polymerization process followed by a solid state polymerization process, with an IV of 0.75-0.85. The products have an excellent transparency and gloss, an outstanding gas barrier against oxygen and carbon dioxide, and outstanding toughness and impact strength.

Applications:

CSD especially for tropical conditions

Carbonated Water

Large Bottles

Agrochemicals

APET Sheet

Strapping

Typical Data

| Parameter | Unit | Typical Value | Test method |
|-------------------------|--------|---------------|----------------------|
| Intrinsic Viscosity(IV) | dl/gr | 0.84+0.02 | ZIMMER WN-B010-7040E |
| DEG Content | %wt. | Max1.5 | |
| Color (CIE Lab) | L | >90 | ZIMMER WN-B010-7110E |
| | b | <2 | |
| Carboxyl End Group | meq/gr | Max 32 | ZIMMER WN-B010-7090E |
| Melting Point | °C | 248+2 | ZIMMER WN-B010-7089E |
| Acetaldehyde (AA) | ppm | <1 | ZIMMER WN-B010-9013E |
| Water Content | %wt. | <0.3 | ZIMMER WN-B010-7089E |

Typical Values: not to be construed as specifications

Packing: 1000 Kg jumbo bag