

DHUNSERI PETROCHEM LTD.

PRODUCT DATASHEET

Product: Polyethylene Terephthalate (PET) bottle grade Polymer

Grade: ASPET AS22CJ

Sales Specification:

| Property | Unit | Value | Test Method | Equipment |
|------------------------|----------------|-------------|-------------|---------------|
| Intrinsic Viscosity* | dl/g | 0.89 ± 0.02 | DPL-3206 | AVS |
| Acetaldehyde | ppm | ≤ 1 | DPL-3212 | HS GC |
| Crystallinity | % | ≥ 50 | DPL-3216 | DGC |
| Dust Content | ppm | ≤100 | DPL-3217 | Dry Sieve |
| Melting Point | ^o C | 243± 1.5 | DPL-3211 | DSC |
| L Color(Ground Sample) | H | ≥90 | DPL-3210 | Colorimeter |
| b Color(Ground Sample) | H | -0.5 to 1.2 | DPL-3210 | Colorimeter |
| Moisture (When Packed) | % | ≤0.25 | DPL-3219 | Coulometric |
| Weight per 100 chips | gm | ≤1.7 | DPL-3220 | Gravimetric |
| -COOH group | meq/kg | ≤ 30 | DPL-3207 | Auto Titrator |

***Note:**

Measured at 25^oC , Solvent : Phenol + Dichloro Benzene (60:40 w/w), Ubbelohde Viscometer.

Product Description:

Slow Crystallizing food grade PET Copolymer resin . Suitable for thick walled container like 20 Ltr. Returnable Water bottle, cosmetic jars and bottle, Engineered for clear Preforms up to wall thickness as high as 10mm , inbuilt additive for uniform perform heating to provide wide window for blowing and better forming, low temperature processing .ASPET AS22CJ offers good strength, dimensional stability and mechanical properties. ASPET AS22CJ is considered safe for food packaging application based upon compliance with FDA 21 CFR seen 177.1630, EC regulation 10/2011 , Coneg regulation for heavy metals and other similar food contact regulations.

Warranty:

DPL warrants its product comply with the specification and related regulatory compliance mentioned here above. DPL does not make any other warranty either expressed or implied regarding suitability of the product for any particular purpose. Buyers are requested to establish their own determination about safety, health , environmental protection and suitability of use for their intended purpose. As the above mentioned informations and/ or data are subjected to change based on continuous improvement, research and development . Users are requested to obtain latest information and / or data from offices of the Company.