



## Technical Datasheet: PET TEX

### Product Description:

TK Chemical has been supplying up-graded Texpet since July 2001 with the introduction of the Underwater Pelletzing Technology. This innovative material delivers the highest levels of customer satisfaction and profits, Adding the latest production facilities have resulted in the following improvement:

1. The shape of Chip has been changed to a nearly spherical oval.
2. The surface area contacting heat during the Chip Melting Process has been expanded by about 5%.
3. Dust during the Chip Transferring Process has been minimized.
4. The Chip mass has been decreased by about 7% from 0,016 to 0,015g.

### Applications:

Manufacturers of carbonated beverage bottles

### Typical data:

Property	Test method	Unit	value
Intrinsic Viscosity	Capillary Viscometer	dl gr	0.80±0.02
Melting Point	DSC	°C	246±2.0
Carboxyl End Group	Auto Titration	meq/kr	28.0 MAX
Acetaldehyde	Gas Chromatograph	ppm	1.0 MAX
Moisture Content	Thermal Analyzer	Wt%	0.2 MAX
Density	PMI A.G.P	gr/cm <sup>3</sup>	1.39±0.01
Color L	Hunter Lab	-	80.0 MIN
Color a	Hunter Lab	-	0.5 MAX
Color b	Hunter Lab	-	1.0 MAX
Weight of Chip	-	Ea/gr	65±5.0