

PET 0.76 IV

Copolymer PET



Overview

PET 0.76 IV is specifically designed for the water container market, requiring easy processing and low residual acetaldehyde. Low crystallinity and heat of fusion of the resin, provides unique advantages of low residual acetaldehyde generation in injection molding and also lower energy for conversion into bottles. The spherical pellets of the resin ensures smooth conveying in long pipelines with near zero fines generation. The uniform spherical surface allows for easy flow of air around the PET pellets and helps in consistent drying at lower temperatures, saving valuable energy.

Features:

- Good processability
- Excellent clarity/gloss in bottles
- Low preform AA

Applications

- water container market

Property	Value	Unit	ASTM
Intrinsic Viscosity	0.76 ± 0.02	dl/g	D4603
Acetaldehyde	1.0 Max	wtppm	D1525
Color L	82 Max		D6290
Color b	0.5 Max		D6290
Weight of 100 pcs chips	1.6 ± 0.2	g/100ea	QAF-PCL-3.408
Fine Particles	100 max	ppm	QAF-PCL-3.407
Melting Point	247 ± 2	°C	D3418
Moisture Content (when packed)	0.1 max	wt%	