



SHOBEIR SHIMI  
WWW.SHOBEIRSHIMI.COM  
info@shobeirshimi.com

## SHAHID TONGGOOIAN PETROCHEMICAL COMPANY

### POLYETHYLENE TEREPHTHALATE (COPOLYMER) | PET-BG732

Polyethylene Terephthalate PET-BG732 is a high-performance thermoplastic polyester copolymer specifically engineered for precision injection molding applications. This grade is distinguished by its excellent processability and thermal stability, ensuring consistent quality in high-speed manufacturing environments. Primarily utilized for the production of mineral water bottles, edible oil containers, and various small jars, it combines high mechanical strength with superior clarity to meet the rigorous demands of the food and beverage packaging industry.

Producer	Applications
----------	--------------

SHAHID TONGGOOIAN  
PETROCHEMICAL COMPANY

mineral water bottles, edible oil containers, and various small jars

Typical Properties			
Resin Properties	Unit	Typical Value	Test Method
Intrinsic Viscosity	dl/g	0.73 ± 0.03	ISO 1628-5
DEG	wt%	≤1.5	ASTM E2409-4
Color (CIE Lab)	L*	≥90	ASTM D6290-5
Color (CIE Lab)	b*	≤2.0	ASTM D6290-5
Carboxyl End Group	meq / Kg	≤32	ASTM D7409-7
Melting Point	C°	249±3	ASTM D3418-3
Acetaldehyde	ppm	≤1.0	ASTM F2013-5
Water Content	wt%	≤0.3	ASTM D6869-3