



ALTESTER Copolyester

Product Description

ALTESTER is amorphous copolyester with excellent appearance and clarity. Its most outstanding features are excellent hydrolytic stability, and heat resistance.

Key Attributes

- (1) Good heat resistance
- (2) Excellent clarity
- (3) Lower specific Gravity.
- (4) Ease of processing
- (5) Excellent hydrolytic stability

Applications

Injection Molding

Toys, Writing instruments

Blow Molding

Bottles, Deodorant packaging, Rigid Medical Packaging

Extrusion Molding

Blister packaging, Food packaging, Optical film, Laminating, Shrink film

Typical Properties of ALTESTER

		ALTESTER 20	ALTESTER 30	ALTESTER 45	PET	PET-G
Specific Gravity	g/cm ³	1.28	1.27	1.24	1.34	1.27
Tg	°C	98	104	113	82	83
Flexural Yield Strength	MPa	90	92	96	85	68
Flexural Modulus	GPa	2.6	2.4	2.6	2.6	1.9
Elongation @ Break	%	190	160	140	250	240
Izod Impact Strength, Notched	J/m	22	26	25	20	64
Total Transmittance	%	91	91	91	90	88
Haze	%	2.1	1.8	1.3	6.3	1.6