



## 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  
Blow Molding  
Extrusion Molding

Typical Properties of ALTESTER

		ALTESTER S2000	ALTESTER S3000	ALTESTER S4500	PET	PET-G
Specific Gravity	g/cm <sup>3</sup>	1.28	1.27	1.24	1.34	1.27
Tg	°C	95	100	110	82	83
Flexural Yield Strength	MPa	90	92	96	85	70
Flexural Modulus	GPa	2.5	2.5	2.5	2.2	2.1
Elongation @ Break	%	220	200	140	250	130
Izod Impact Strength, Notched	J/m	25	25	24	20	100
Total Transmittance	%	91	91	91	90	91
Haze	%	1	1	1	5	1

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