

Cazeden A PET

Polyethylene Terephthalate

Hosaf

Message:

Cazeden A PET (previously referred to as T86) is a top quality thermoplastic material for injection stretch blow moulding and injection blow moulding of bottles for CSD, mineral water, edible oil, fruit juice, the pharmaceutical industry, dairy products, cosmetics and many more. Other applications include sheet extrusion, thermoforming of extruded sheets for food packaging, as well as industrial strap extrusion. The linear structure plus appropriate processing determine the superior physical and chemical properties of Cazeden A PET. The Cazeden A PET difference Outstanding properties create the excellence and uniqueness of Cazeden A PET as a packaging medium.

Characteristics:

- Superb clarity and gloss
- Toughness and impact resistance
- Chemical resistance
- Low gas permeation
- Good processability
- Good dimensional stability (low creep under load)
- Relative light weight
- Recyclable

General Information	
Features	Food Contact Acceptable
	Good Chemical Resistance
	Good Dimensional Stability
	Good Impact Resistance
	Good Processability
	Good Toughness
	High Clarity
	High Gloss
	Low Gas Permeability
	Recyclable Material
Uses	Bottles
	Cosmetics
	Food Packaging
	Fruit Juice Bottles
	Packaging
	Pharmaceuticals
	Sheet
Agency Ratings	EU 2002/72/EC
	FDA 21 CFR 177.1630
	UK SI 1998 No. 1376
Appearance	White

Forms	Pellets
Processing Method	Injection Blow Molding
	Injection Stretch Blow Molding
	Sheet Extrusion
	Thermoforming

Physical	Nominal Value	Unit	
Density	1.40	g/cm ³	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	52.0	MPa	ASTM D638
Flexural Modulus	2400	MPa	ASTM D790
Flexural Strength (Break)	75.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	74.0	°C	Internal Method
Peak Crystallization Temperature (DSC)	260	°C	Internal Method
Thermal Conductivity	0.21	W/m/K	ASTM C177
Injection	Nominal Value	Unit	
Drying Temperature	160 to 180	°C	
Drying Time	4.0 to 6.0	hr	
Extrusion	Nominal Value	Unit	
Drying Temperature	160 to 180	°C	
Drying Time	4.0 to 6.0	hr	

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Recommended distributors for this material

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