

Akestra™ 90

Copolyester

Perstorp Holding AB

Message:

Description

Akestra™ 90 is an amorphous thermoplastic copolyester with excellent appearance and clarity. Excellent hydrolytic stability, heat resistance and high strength.

Applications

Extrusion and injection moulded articles

Blow moulding

Films and sheets

General Information			
Features	Amorphous High Clarity High Heat Resistance High Strength Hydrolytically Stable Pleasing Surface Appearance		
Uses	Blow Molding Applications Film Sheet		
Forms	Pellets		
Processing Method	Blow Molding Extrusion Film Extrusion Injection Molding Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Break)	220	%	ASTM D638
Flexural Modulus	2500	MPa	ASTM D790
Flexural Strength (Yield)	89.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	25	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	95.0	°C	ASTM D7426
Optical	Nominal Value	Unit	Test Method

Transmittance	91.0	%	ASTM D1003
Haze	1.0	%	ASTM D1003

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