

ZELAS™ CP209

Amorphous polyolefin

ver. 2307

Product Description

Zelas™ CP209 is a unique amorphous polyolefin designed for the use in medical film, sheet, bottle and molding part application.

- Rigid, low density, highly transparent polymer with very low absorptive properties
- Natural color

General

Features	<ul style="list-style-type: none"> • EOG+ Gamma Sterilizable • Bondable to PE / PP / COP 	<ul style="list-style-type: none"> • Low moisture+Protein absorption • Low VOC
Uses:	• Medical / Healthcare application	
Appearance:	• Transparent, clear	
Form:	• Pellets	
Typical process methods:	<ul style="list-style-type: none"> • (Co-)Extrusion multilayer castfilm/sheet • Injection molding 	

Technical Information¹

¹Typical values are not to be construed as specifications.

Physical	Typical Value	Unit	Test Method
Melt Flow Rate (230°C, 2,16 kg)	1	g/10min	ISO 1133
Density	0.93	g/cm ³	ISO 1183, Method A
Water absorption	<0.01	%	ISO 760
Haze	7.0	%	ISO 14782, 2mmt
Mechanical		Unit	Test Method
Tensile strength	20	MPa	ISO 527
Tensile elongation	80	%	
Flexural Modulus	1100	MPa	ISO 178
Charpy (unnotched)	>100	kJ/m ²	ISO 179
Thermal		Unit	Test Method
Vicat	106	deg C	ISO 306



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