

## ZELAS<sup>™</sup> CP209

Amorphous polyolefin

ver. 2307

## **Product Description**

Zelas<sup>TM</sup> 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		
	<ul> <li>EOG+ Gamma Sterilizable</li> </ul>	<ul> <li>Low moisture+Protein absorption</li> </ul>
Features	Bondable to PE / PP / COP	• Low VOC
Uses:	Medical / Healthcare application	
Appearance:	Transparent, clear	
Form:	Pellets	
Typical process methods:	(Co-)Extrusion multilayer castfilm/sheet	
	Injection molding	

## Technical Information<sup>1</sup>

<sup>1</sup>Typical 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 <sup>3</sup>	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 <sup>2</sup>	ISO 179
Thermal		Unit	Test Method
Vicat	106	deg C	ISO 306



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