

ZELAS[™] CP208

Amorphous polyolefin

ver. 2307

Product Description

ZelasTM CP207 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		
	 EOG+ Gamma Sterilizable 	 Low moisture+Protein absorption
Features	Bondable to PE / PP / COP	• Low VOC
Uses:	Medical / Healthcare application	
Appearance:	Transparent, clear	
Form:	• Pellets	
	Sheet / thermo forming	
Typical process methods:	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	2.0	%	ISO 14782, 2mmt
Mechanical		Unit	Test Method
Tensile strength	30	MPa	—ISO 527
Tensile elongation	15	%	
Flexural Modulus	1600	MPa	ISO 178
Charpy (unnotched)	>40	kJ/m ²	ISO 179
Thermal		Unit	Test Method
Vicat	116	deg C	ISO 306



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