

ZELAS[™] CP207

Amorphous polyolefin

ver. 2307

Product Description

Zelas[™] 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	
	• (Co-)Extrusion multilayer castfilm/sheet	
Typical process methods:	Injection molding	
	Compounding	

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)	5	g/10min	ISO 1133	
Density	0.94	g/cm ³	ISO 1183, Method A	
Water absorption	<0.01	%	ISO 760	
Haze	3.0	%	ISO 14782, 2mmt	
Mechanical		Unit	Test Method	
Tensile strength	30	MPa	-150 527	
Tensile elongation	15	%		
Flexural Modulus	1700	MPa	ISO 178	
Charpy (unnotched)	>40	kJ/m ²	ISO 179	
Thermal		Unit	Test Method	
Vicat	113	deg C	ISO 306	



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