

# TOTAL Polypropylene PPH 3485WZ

Polypropylene Homopolymer

TOTAL Refining & Chemicals

Message:

Polypropylene 3485WZ produces thermoformed parts with good clarity, gloss and sidewall stiffness.  
High Purity: 3485WZ features minimum taste and odor and optimum thermal stability for superior color and processability.  
FDA: 3485WZ complies with all applicable FDA regulations and may be used under these provisions for food contact and packaging.  
Applications: 3485WZ is ideal for deli containers, drinking cups, lids, and food service trays.  
Processing: 3485WZ resin processes on in-line, narrow web thermoforming and solid phase pressure forming equipment with typical melt temperature at 450°-500°F (232-260°C).

General Information			
Features	Good Clarity		
	Good Gloss		
	High purity		
	Rigid, good		
	Homopolymer		
	Workability, good		
	The smell is low to none		
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	Thermal stability, good		
	Compliance of Food Exposure		
Uses	Thermoforming Applications		
	Cup		
	Cover		
	Sheet		
	Food packaging		
	Food service sector		
	Food container		
Agency Ratings	FDA Food Exposure, Not Rated		
Forms	Particle		
Processing Method	Sheet extrusion molding		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.1	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1930	MPa	ASTM D638

Tensile Strength	38.6	MPa	ASTM D638
Tensile Elongation (Break)	5.7	%	ASTM D638
Flexural Modulus	1860	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	111	°C	ASTM D648
Melting Temperature	166	°C	DSC
Optical	Nominal Value	Unit	Test Method
Haze (508 μm)	20	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	232 - 260	°C	

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#### Recommended distributors for this material

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