

TOTAL Polypropylene Lumicene® M 3283 WZ

Polypropylene Homopolymer

TOTAL Refining & Chemicals

Message:

Clarity. TOTAL Polypropylene M3283WZ produces thermoformed parts with good clarity, gloss and excellent side-wall stiffness.

Recommended Applications. TOTAL Polypropylene M3283WZ is ideal for food storage containers, drinking cups, and food service trays when good clarity and stiffness are important.

High Purity. TOTAL Polypropylene M3283WZ features minimum extractables and optimum thermal stability for superior color and processability.

FDA. TOTAL Polypropylene M3283WZ complies with all applicable FDA regulations and may be used under these provisions for food contact and packaging.

General Information			
Features	Food Contact Acceptable		
	Good Processability		
	Good Stiffness		
	Good Thermal Stability		
	High Clarity		
	High Gloss		
	Low Extractables		
Uses	Containers		
	Cups		
	Food Containers		
	Food Packaging		
	Packaging		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Processing Method	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.3	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	36.5	MPa	ASTM D638
Tensile Elongation (Yield)	7.0	%	ASTM D638
Flexural Modulus	1590	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	117	°C	ASTM D648
Melting Temperature	153	°C	DSC

Optical	Nominal Value	Test Method
Gloss (45°)	61	ASTM D2457

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Recommended distributors for this material

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