

TOTAL Polypropylene Lumicene® M 3382 MZ

Polypropylene Homopolymer

TOTAL Refining & Chemicals

Message:

TOTAL Polypropylene M3382MZ produces thermoformed parts with superior clarity, gloss and excellent side wall stiffness.
TOTAL Polypropylene M3382MZ is ideal for deli containers, drinking cups, lids, domes and food service trays when high clarity and stiffness are important.
TOTAL Polypropylene M3382MZ features minimum extractables and optimum thermal stability for superior color and processability.
TOTAL Polypropylene M3382MZ complies with all applicable FDA regulations and may be used under these provisions for food contact and packaging.

General Information	
Additive	Clarifier
Features	Good Colorability
	Good Processability
	Good Stiffness
	Good Thermal Stability
	High Clarity
	High Gloss
	Low Extractables
Uses	Containers
	Cups
	Food Containers
	Lids
Agency Ratings	EC 1907/2006 (REACH)
	FDA Food Contact, Unspecified Rating
RoHS Compliance	RoHS Compliant
Forms	Pellets
Processing Method	Sheet Extrusion
	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)	3.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	31.0	MPa	ASTM D638
Tensile Elongation (Break)	7.0	%	ASTM D638
Flexural Modulus	1490	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact (23°C)	59	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	97.2	°C	ASTM D648
Melting Temperature	153	°C	DSC
Extrusion	Nominal Value	Unit	
Melt Temperature	232 to 260	°C	

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Recommended distributors for this material

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