

Clarity. TOTAL Polypropylene M3382MZ produces thermoformed parts with superior clarity, gloss and excellent side wall stiffness.

Recommended Applications. TOTAL Polypropylene M3382MZ is ideal for deli containers, drinking cups, lids, domes and food service trays when high clarity and stiffness are important.

High Purity. TOTAL Polypropylene M3382MZ features minimum extractables and optimum thermal stability for superior color and processability.

FDA. TOTAL Polypropylene M3382MZ complies with all applicable FDA regulations and may be used under these provisions for food contact and packaging.

Processing. TOTAL Polypropylene M3382MZ 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). Call the nearest TOTAL Polypropylene Sales Office for additional information.

<u>Resin Properties</u> ⁽¹⁾	<u>Typical Value</u>	<u>ASTM Method</u>
Melt Flow, g/10 min.	3.5	D-1238 Condition "L"
Density, g/cc	0.905	D-1505
Melting Point, °F (°C)	307 (153)	DSC ⁽²⁾
<u>Mechanical Properties</u>⁽¹⁾		
Tensile, psi (M Pa)	4,500 (31)	D-638
Elongation, %	>65	D-638
Flexural Modulus, psi (M Pa)	216,000 (1,490)	D-790
Izod Impact @ 73°F		D-256A
Notched-ft.lb./in. (J/m)	1.1 (55)	
<u>Thermal Properties</u>⁽¹⁾		
Heat Deflection		D-648
°F at 66 psi	207	
°C at 4.64 kg/cm ²	97	

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima.
 (2) MP determined with a DSC-2 Differential Scanning Calorimeter. Test procedure available upon request.

M3382MZ 03/10

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All tests were run under laboratory conditions. ASTM (where applicable) testing procedures. The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere. The use of TOTAL products must be guided by the users own methods for selection of proper formulation. TOTAL PETROCHEMICALS USA, INC. disclaims any responsibility for misuse or misapplication of its products. TOTAL MAKES NO WARRANTY OF MERCHANTABILITY AND THERE IS NO WARRANTY THAT GOODS SUPPLIED SHALL BE FIT FOR ANY PARTICULAR PURPOSE. TOTAL'S liability and customer's exclusive remedy for any claims arising out of sales of its products are expressly limited at customer option to replacement of non-performing goods or payment not to exceed the purchase price plus transportation charges thereon in respect to any material which damage is claimed.