

## Product Datasheet

# Teldene R40ML

Polypropylene  
Random Copolymer

Basell licensed Spheripol Process



### TYPICAL APPLICATIONS

- ◆ Suitable for high clarity injection molding and injection-stretch blow molding applications.
- ◆ Used for the production of Housewares and Clear Containers.

### KEY CHARACTERISTICS

- ◆ Excellent Processability and flow-ability.
- ◆ Excellent Transparency.
- ◆ Good Impact Resistance.
- ◆ Food contact approval for specific applications (*refer to NATPET*)

### PROCESSING METHOD

Injection Molding

### QUALITATIVE

Test	Conditions	Method	Value	Unit
<b>Basic</b>				
Density		ISO 1183	0.900	g/cm <sup>3</sup>
Melt Flow Rate (MFR)	230°C/2.16 kg	ISO 1133	40	g/10-min
<b>Mechanical</b>				
Flexural Modulus	1-mm/min	ISO 178	1,000	MPa
Tensile Stress at Yield	50-mm/min	ISO 527	28.0	MPa
Tensile Strain at Break		ISO 527	12	%
Notched Izod Impact Strength	23 °C	ISO 180/1A	6	kJ/m <sup>2</sup>
<b>Thermal</b>				
Deflection Temperature Under Load	0.45 Mpa	ISO 75	90	°C
<b>Optical</b>				
Haze	1.0 mm	ASTM D 1003	6.0	%

Note: The above are typical data representing the product; not to be construed as analysis certificate or specifications

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