Manufacturer website: www.natpet.com

Product Datasheet

Teldene B30ML

Polypropylene Heterophasic Impact Copolymer

Lyondellbasell licensed Spheripol Process

TYPICAL APPLICATIONS

- Thin-walled injection molding applications (packaging, housewares, etc.).
- Potential applications are: washing machine tubs and parts of electrical appliances.

KEY CHARACTERISTICS

- Non-nucleated heterophasic copolymer.
- Contains anti-static agent.
- Optimized balance of stiffness and toughness.
- High impact strength retained at low temperature.
- Fast cycle time and low warpage.
- For specific food contact applications (*refer to* ***NATPET***).

PROCESSING METHOD

Injection molding

QUALITATIVE

Test	Conditions	Method	Value	Unit
Basic				
Density		*ISO 1183*	*0.900*	*g/cm³*
Melt Flow Rate (MFR)	*230°C/2.16 kg*	*ISO 1133*	*30*	*g/10-min*
Mechanical				
Flexural Modulus	*1-mm/min*	*ISO 527-1, -2*	*1,100*	*MPa*
Tensile Stress at Yield	*50-mm/min*	*ISO 527-1, -2*	*24*	*MPa*
Tensile Strain at Yield	*50-mm/min*	*ISO 527-1, -2*	*5*	*%*
Izod notched	*23 °C, Type 1, Edgewise, Notch A*	*ISO 179*	*13*	*kJ/m²*
	-20 °C, Type 1, Edgewise, Notch A	*ISO 179*	*5.0*	*kJ/m²*
Thermal				
Vicat Softening Temperature	*A50 (50°C/h 10N)*	*ISO 306*	*150*	*°C*

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

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