

TYPICAL APPLICATIONS

- ◆ Injection Molding
- ◆ Used for the production of thin-walled articles and long flow paths articles such containers ,boxes , caps & closures , household articles and toys.
- ◆ Components for compounding application

KEY CHARACTERISTICS

- ◆ Medium-high fluidity
- ◆ Easy mould filling
- ◆ Short cycle times
- ◆ Good dimensional stability and high stiffness
- ◆ Food contact approval for specific applications (*refer to NATPET*)

PROCESSING METHOD

Injection Molding

QUALITATIVE

Test	Conditions	Method	Value	Unit
Basic				
<i>Density</i>	23 °C	ISO 1183	0.90	g/cm ³
<i>Melt Flow Rate (MFR)</i>	230°C/2.16 kg	ISO 1133	16	g/10-min
Mechanical				
<i>Flexural Modulus</i>	50-mm/min	ISO 178	1,550	MPa
<i>Tensile Stress at Yield</i>	50-mm/min	ISO R 527	35.0	MPa
<i>Elongation at Yield</i>	50-mm/min	ISO R 527	13	%
<i>Izod Impact Strength notched</i>	23 °C	ISO 180	3	kJ/m ²
<i>Hardness Shore D</i>	23 °C	ISO 868	72	points
Thermal				
<i>Heat Deflection Temperature B</i>	0.46 MPa Un-annealed	ISO 75B	115	°C
<i>Vicat Softening Temperature</i>	A50 (50°C/h 10N)	ISO 306A	155	°C
<i>Accelerated oven ageing in air</i>	(forced circulation) at 150°C	ISO 4577	360	hours

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

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