

# Exxtral™ Performance Polyolefin CNK010

Polypropylene, Compounded (TPO)

ExxonMobil Chemical

## Message:

The invention relates to a special thermoplastic polyolefin resin with low melting property and excellent low-temperature impact strength, and is used in injection molding or extrusion molding automobile occasions.

General Information			
Features	Impact resistance, good Low liquidity		
Uses	Application in Automobile Field		
Appearance	Natural color		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	1.50	cm <sup>3</sup> /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1150	MPa	ISO 527-2
Tensile Stress (Yield)	25.0	MPa	ISO 527-2
Tensile Strain (Yield)	10	%	ISO 527-2
Flexural Modulus	1100	MPa	ISO 178
Flexural Stress	31.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C, complete fracture	3.0	kJ/m <sup>2</sup>	ISO 179
0°C, complete fracture	4.0	kJ/m <sup>2</sup>	ISO 179
23°C, local fracture	25	kJ/m <sup>2</sup>	ISO 179
Notched Izod Impact (23°C, Partial Break)	27	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	76.0	°C	ISO 75-2/B
1.8 MPa, not annealed	48.0	°C	ISO 75-2/A
Legal statement			

本产品不宜在与食品接触的应用中使用.本产品不宜在医疗应用中使用,亦不应在任何此类应用中使用

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