

Wondel® P PI0M4

Polypropylene

Nanjing Julong Engineering Plastics Co., LTD

Message:

Wondel® P PI0M4 is a Polypropylene material filled with 20% mineral. It is available in Asia Pacific. Primary attribute of Wondel® P PI0M4: Impact Resistant.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Features	High Impact Resistance		
	Paintable		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm³	ISO 1183
Molding Shrinkage	0.90 to 1.2	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	80		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	20.0	MPa	ISO 527-2
Tensile Strain (Break)	50	%	ISO 527-2
Flexural Stress	35.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	25	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	110	°C	ISO 75-2/B
Melting Temperature (DSC)	165	°C	ISO 3146
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Electric Strength	19	kV/mm	IEC 60243-1

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Recommended distributors for this material

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