# Zhongfa PP pp6

## Polypropylene

### Yuyao Zhongfa Engineering Plastics Co. Ltd.

#### Message:

Zhongfa PP pp6 is a polypropylene material and contains 20% mineral fillers. This product is available in the Asia-Pacific region and is processed by injection molding. The main features of Zhongfa PP pp6 are: high gloss insulation Good dimensional stability chemical resistance Heat resistance Heat resistance Typical application areas include: Electrical/electronic applications electrical appliances Furniture Automotive Industry

Filler / Reinforcement   Mineral filler, 20% filler by weight     Features   Good dimensional stability     Highlight   Insulation     Good liquidity   Good chemical resistance     Heat resistance, high   Heat resistance, high     Uses   Electrical/Electronic Applications     Electrical appliances   Furniture     Application in Automobile Field   Processing Method     Processing Method   Injection molding     Physical   Nominal Value   Unit     Specific Gravity   1.04   g/cm³   ASTM D792     Melt Mass-Flow Rate (MFR)   3.5   g/10 min   ASTM D1238     Molding Shrinkage - Flow   1.0 - 1.2   %   ASTM D955     Hardness   Nominal Value   Unit   Test Method     Rockwell Hardness (R-Scale)   98   ASTM D785	rmation			
Highlight InsulationHighlight InsulationGood liquidity Good chemical resistance Heat resistance, highSood chemical resistanceUsesElectrical/Electronic Applications Electrical appliances Furniture Application in Automobile FieldSoodFormsParticleProcessing MethodInjection moldingPhysicalNominal ValueUnitSpecific Gravity1.04g/Cm³Molding Shrinkage - Flow3.5g/10 minMolding Shrinkage - Flow1.0 - 1.2% ASTM D955HardnessSe Stim ValueUnitTest MethodRockwell Hardness (R-Scale)98UnitTest Method	orcement	Mineral filler, 20% filler by weigh	t	
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Rockwell Hardness (R-Scale) 98 ASTM D785	inkage - Flow	1.0 - 1.2	%	ASTM D955
		Nominal Value	Unit	Test Method
Mechanical Nominal Value Linit Test Method	rdness (R-Scale)	98		ASTM D785
		Nominal Value	Unit	Test Method
Tensile Strength38.0MPaASTM D638	gth	38.0	MPa	ASTM D638
Tensile Elongation (Break)7.0%ASTM D638	gation (Break)	7.0	%	ASTM D638
Flexural Modulus 2200 MPa ASTM D790	lulus	2200	MPa	ASTM D790

38.0	MPa	ASTM D790		
Nominal Value	Unit	Test Method		
		ASTM D648		
140	°C	ASTM D648		
130	°C	ASTM D648		
Aging Resistance at 150°C: 750 hrNotched Izod Impact, ASTM D256: 4.5 kJ/m <sup>2</sup> Unnotched Izod Impact, ASTM D256: 22 kJ/m <sup>2</sup>				
Nominal Value	Unit			
90.0 - 95.0	°C			
2.0 - 3.0	hr			
2.0 - 3.0 195 - 225	hr °C			
	Nominal Value 140 130 200 Impact, ASTM D256: 4.5 kJ/m <sup>2</sup> Unno Nominal Value 90.0 - 95.0	Nominal Value Unit   140 °C   130 °C   tool Impact, ASTM D256: 4.5 kJ/m²Unnotched Izod Impact, ASTM D256: 22 kJ/m²Unnotched Izod Impact, ASTM D256:		

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