

# Yuyao PA 05ZR16

Polyamide 66/6 Copolymer  
Yuyao Tenglong Plastics Co., Ltd.

Message:

Yuyao PA 05ZR16 is a Polyamide 66/6 Copolymer (Nylon 66/6) product. It can be processed by injection molding and is available in Asia Pacific. Applications of Yuyao PA 05ZR16 include electrical/electronic applications, appliances, automotive, furniture and industrial applications. Characteristics include:  
Impact Resistant  
Impact Modified

General Information			
Additive	Impact Modifier		
Features	High Impact Resistance		
	Impact Modified		
	Low Temperature Impact Resistance		
Uses	Appliance Components		
	Automotive Applications		
	Camera Applications		
	Furniture		
	Industrial Applications		
	Power/Other Tools		
	Sporting Goods		
	Switches		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	1.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	58.0	MPa	ASTM D638
Tensile Elongation (Break)	130	%	ASTM D638
Flexural Modulus	1100	MPa	ASTM D790
Flexural Strength	70.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area)	25.0	kJ/m <sup>2</sup>	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	70.0	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms · cm	ASTM D257
Injection	Nominal Value	Unit	

Drying Temperature	85.0 to 90.0	°C
Drying Time	6.0 to 8.0	hr
Processing (Melt) Temp	235 to 265	°C
Mold Temperature	60.0 to 90.0	°C
Injection Pressure	60.0 to 100	MPa

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#### Recommended distributors for this material

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