



ChangZhou Yi Yi International Trading Co., Ltd.

POM 9I15120

Product description

Material designation >POM-PL20%<

Colour Natural colour

Material shape Granular

Processing method Injection molding

Physical property	Condition	Test standard	Data	unit
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Density		ISO 1183	1.50	g/cm ³
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Water absorption	(23°C, 50RH)	ISO 62	0.20	%
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Mechanical properties	Condition	Test standard	Data	unit
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Tensile strength	23°C	ISO 527-2	67	MPa
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Elongation at break	23°C	ISO 527-2	24	%
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Tensile modulus	23°C	ISO 527-2	2500	MPa
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Notched izod impact strength	23°C	ISO 180/1A	5	kJ/m ²
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Thermal	Condition	Test standard	Data	unit
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Heat deformation temperature	0.45MPa No annealing	ISO 75-2/Bf	155	°C
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Melting temperature		ISO 11357-3	165	°C
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Flammability	Condition	Test standard	Data	unit
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Fire protection grade		UL-94	1.60mm	HB
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Injection molding condition	Condition	Recommended value	unit
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Drying temperature		100-120	°C
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Drying time		3	Hr
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Mold temperature		60-100	°C
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