



ChangZhou Yi Yi International Trading Co., Ltd.

TPU 285A

Product description

Material designation	>TPU<
Colour	Natural colour
Material properties	Good wear resistance, good tensile strength, oil resistance, transparency
Material shape	Granular
Processing method	Injection molding

Physical property	Condition	Test standard	Data	unit
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Density		ISO 1183	1.18 - 1.22	g/cm ³
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Hardness	Condition	Test standard	Data	unit
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Shore A		ISO 7619	82 - 88	
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Mechanical properties	Condition	Test standard	Data	unit
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Tensile strength		ISO 37	>= 38.0	MPa
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Tensile stress	strain 100 %	ISO 37	>= 5.50	MPa
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Tensile stress	strain 300 %	ISO 37	>= 11.00	MPa
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Elongation at yield	yield	ISO 37	>= 550	%
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Tear strength		ISO 34	>= 90.0	kN/m
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Friction coefficient		ISO 4649	<= 50	mm ³
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Compressive deformation	70.0 °C	ISO 815	<= 40	%
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