

PCTG美国伊士曼TX-1000

产品名称	PCTG美国伊士曼TX-1000
公司名称	东莞市东艳塑胶原料有限公司
价格	30.00/公斤
规格参数	
公司地址	东莞市樟木头镇百果洞社区塑胶原料市场
联系电话	18938274862

产品详情

美国伊士曼TRITAN PCTG TX1000是一种无定形共聚酯，具有极好的外观和清晰度,其最突出的特点是优良的韧性、水解稳定性、耐热性和耐化学性,这种新一代共聚酯也可以模压成各种应用，而不包含高水平的残余应力,结合TRITAN共聚酯的杰出的耐化学性和水解稳定性,这些特性给模制产品增强耐用性在洗碗机的环境中,可以将产品暴露在高温、湿度和激进的清洁洗涤剂,重复使用TRITANTX1000共聚酯可用于食品接触的产品在美国食品和药物管理局(FDA)规定,TRITANTX1000共聚酯是NSF认证/ANSI标准51食品设备材料。以下是美国伊士曼TRITAN PCTG TX1000物性表参数

PropertyaTest MethodbTypical Value, UnitscGeneral PropertiesSpecific GravityD 7921.18Mold ShrinkageD 9550.005-0.007 mm/mm (0.005-0.007 in./in.)Mechanical Properties (ISO Method)Tensile Strength @ YieldISO 52747 MPaTensile Stress @ BreakISO 52758 MPaElongation @ YieldISO 5277 %Elongation @ BreakISO 527185 %Tensile ModulusISO 5271548 MPaFlexural ModulusISO 1781495 MPaFlexural StrengthISO 17859 MPaIzod Impact Strength, Notched @ 23 ° CISO 18093 kJ/m2 @ -40 ° CISO 18020 kJ/m2Mechanical PropertiesTensile Stress @ YieldD 63843 MPa (6200 psi)Tensile Stress @ BreakD 63853 MPa (7700 psi)Elongation @ YieldD 6386 %Elongation @ BreakD 638210 %Tensile ModulusD 6381550 MPa (2.25 x 105 psi)Flexural ModulusD 7901550 MPa (2.25 x 105 psi)Flexural Yield StrengthD 79062 MPa (9000 psi)Rockwell Hardness, R ScaleD 785112Izod Impact Strength, Notched @ 23 ° C (73 ° F)D 256980 J/m (18.4 ft · lbf/in.)Impact Strength, Unnotched @ 23 ° C (73 ° F)D 4812NBOptical PropertiesTotal TransmittanceD 100390 %HazeD 1003<1 %Thermal PropertiesDeflection Temperature @ 0.455 MPa (66 psi)D 64899 ° C (210 ° F) @ 1.82 MPa (264 psi)D 64885 ° C (185 ° F)Typical Processing ConditionsDrying Temperature88 ° C (190 ° F)Drying Time4-6 hrsProcessing Melt Temperature260-282 ° C (500-540 ° F)Mold Temperature38-66 ° C (100-150 ° F)美国伊士曼TRITAN PCTG TX1000是一种无定形共聚酯，具有极好的外观和清晰度,其最突出的特点是优良的韧性、水解稳定性、耐热性和耐化学性,这种新一代共聚酯也可以模压成各种应用，而不包含高水平的残余应力,结合TRITAN共聚酯的杰出的耐化学性和水解稳定性,这些特性给模制产品增强耐用性在洗碗机的环境中,可以将产品暴露在高温、湿度和激进的清洁洗涤剂,重复使用TRITANTX1000共聚酯可用于食品接触的产品在美国食品和药物管理局(FDA)规定,TRITANTX1000共聚酯是NSF认证/ANSI标准51食品设备材料。以下是美国伊士曼TRITAN PCTG TX1000物性表参数PropertyaTest MethodbTypical Value, UnitscGeneral PropertiesSpecific GravityD 7921.18Mold ShrinkageD 9550.005-0.007 mm/mm (0.005-0.007 in./in.)Mechanical Properties (ISO Method)Tensile Strength @ YieldISO 52747 MPaTensile Stress @ BreakISO 52758 MPaElongation @ YieldISO 5277 %Elongation @ BreakISO 527185 %Tensile ModulusISO

5271548 MPa Flexural Modulus ISO 1781495 MPa Flexural Strength ISO 17859 MPa Izod Impact Strength, Notched @ 23 ° C ISO 18093 kJ/m² @ -40 ° C ISO 18020 kJ/m² Mechanical Properties Tensile Stress @ Yield D 63843 MPa (6200 psi) Tensile Stress @ Break D 63853 MPa (7700 psi) Elongation @ Yield D 6386 % Elongation @ Break D 638210 % Tensile Modulus D 6381550 MPa (2.25 x 10⁵ psi) Flexural Modulus D 7901550 MPa (2.25 x 10⁵ psi) Flexural Yield Strength D 79062 MPa (9000 psi) Rockwell Hardness, R Scale D 785112 Izod Impact Strength, Notched @ 23 ° C (73 ° F) D 256980 J/m (18.4 ft · lbf/in.) Impact Strength, Unnotched @ 23 ° C (73 ° F) D 4812NB Optical Properties Total Transmittance D 100390 % Haze D 1003 <1 % Thermal Properties Deflection Temperature @ 0.455 MPa (66 psi) D 64899 ° C (210 ° F) @ 1.82 MPa (264 psi) D 64885 ° C (185 ° F) Typical Processing Conditions Drying Temperature 88 ° C (190 ° F) Drying Time 4-6 hrs Processing Melt Temperature 260-282 ° C (500-540 ° F) Mold Temperature 38-66 ° C (100-150 ° F)

美国伊士曼 TRITAN PCTG TX1000 是一种无定形共聚酯，具有极好的外观和清晰度，其最突出的特点是优良的韧性、水解稳定性、耐热性和耐化学性，这种新一代共聚酯也可以模压成各种应用，而不包含高水平的残余应力，结合 TRITAN 共聚酯的杰出的耐化学性和水解稳定性，这些特性给模制产品增强耐用性。在洗碗机的环境中，可以将产品暴露在高温、湿度和激进的清洁洗涤剂，重复使用 TRITAN TX1000 共聚酯可用于食品接触的产品。在美国食品和药物管理局 (FDA) 规定，TRITAN TX1000 共聚酯是 NSF 认证 / ANSI 标准 51 食品设备材料。

以下是美国伊士曼 TRITAN PCTG TX1000 物性表参数

Property	Test Method	b Typical Value, Units	c General Properties
Specific Gravity	D 7921	1.18	Mold Shrinkage
	D 9550	0.005-0.007 mm/mm (0.005-0.007 in./in.)	Mechanical Properties (ISO Method)
Tensile Strength @ Yield	ISO 52747	63843 MPa (6200 psi)	Tensile Strength @ Break
Tensile Stress @ Break	ISO 52758	63853 MPa (7700 psi)	Elongation @ Yield
Elongation @ Yield	ISO 5277	6386 %	Elongation @ Break
Elongation @ Break	ISO 527185	638210 %	Tensile Modulus
Tensile Modulus	ISO 5271548	6381550 MPa (2.25 x 10 ⁵ psi)	Flexural Modulus
Flexural Modulus	ISO 1781495	7901550 MPa (2.25 x 10 ⁵ psi)	Flexural Yield Strength
Flexural Strength	ISO 17859	79062 MPa (9000 psi)	Rockwell Hardness, R Scale
Izod Impact Strength, Notched @ 23 ° C	ISO 18093	256980 kJ/m ² @ -40 ° C	ISO 18020
Izod Impact Strength, Unnotched @ 23 ° C	ISO 18020	4812NB	Optical Properties
Total Transmittance	D 100390	90 %	Haze
Haze	D 1003	<1 %	Thermal Properties
Deflection Temperature @ 0.455 MPa (66 psi)	D 64899	64899 ° C (210 ° F)	@ 1.82 MPa (264 psi)
Deflection Temperature @ 1.82 MPa (264 psi)	D 64885	64885 ° C (185 ° F)	Typical Processing Conditions
Drying Temperature	88 ° C (190 ° F)	Drying Time	4-6 hrs
Drying Time	4-6 hrs	Processing Melt Temperature	260-282 ° C (500-540 ° F)
Processing Melt Temperature	260-282 ° C (500-540 ° F)	Mold Temperature	38-66 ° C (100-150 ° F)
Mold Temperature	38-66 ° C (100-150 ° F)		