

代理/PCTG美国伊士曼Tritan TX1501HF

产品名称	代理/PCTG美国伊士曼Tritan TX1501HF
公司名称	东莞市永盛发塑料有限公司
价格	.00/件
规格参数	美国伊士曼:源头厂货! PCTG:厂家 PCTG:代理
公司地址	东莞市樟木头镇百果洞社区塑金国际10栋
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产品详情

以下是TRITAN(美国伊士曼)TX1501HF/PCTG共聚聚酯/物性表参数

Propertya	Test Methodb	Typical Value, Unitsc
General Properties		
Specific Gravity	D 792	1.18
Mold Shrinkage	D 955	0.005-0.007 mm/mm (0.005-0.007 %)
Mechanical Properties (ISO Method)		
Tensile Strength @ Yield	ISO 527	44 MPa
Tensile Strength @ Break	ISO 527	49 MPa
Elongation @ Yield	ISO 527	7 %
Elongation @ Break	ISO 527	154 %
Tensile Modulus	ISO 527	1604 MPa
Flexural Modulus	ISO 178	1502 MPa
Flexural Strength	ISO 178	60 MPa
Izod Impact Strength, Notched		
@ 23°C	ISO 180	83 kJ/m2
@ -40°C	ISO 180	11 kJ/m2
Mechanical Properties		
Tensile Stress @ Yield	D 638	43 MPa (6200 psi)
Tensile Stress @ Break	D 638	52 MPa (7500 psi)
Elongation @ Yield	D 638	7 %
Elongation @ Break	D 638	210 %
Tensile Modulus	D 638	1575 MPa (2.28 x 10 ⁵ psi)

Flexural Modulus	D 790	1575 MPa (2.28 x 10 ⁵ psi)
Flexural Yield Strength	D 790	64 MPa (9300 psi)
Rockwell Hardness, R Scale	D 785	111
Izod Impact Strength, Notched @ 23°C (73°F)	D 256	860 J/m (16.1 ftċlbf/in.)
Impact Strength, Unnotched @ 23°C (73°F)	D 4812	NB
Optical Properties		
Total Transmittance	D 1003	91 %
Haze	D 1003	<1 %
Thermal Properties		
Deflection Temperature @ 0.455 MPa (66 psi)	D 648	94 °C (201 °F)
@ 1.82 MPa (264 psi)	D 648	81 °C (178 °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)