TEO 系列复合塑料物性表
compound datasheets

项 目 Property		试验法 ASTM Method	单位 Units	TEO, Anti-static, 55 Shore A	TEO, Anti-static, 65 Shore A	TEO, CB, 65 Shore A	TEO, CB, 75 Shore A	TEO, CB, 85 Shore A	TEO, CB, 50 Shore D	TEO, SSF15, 65 Shore A
一般性质	比重 Specific Gravity	D792	-	0.95	0.94	1	1.02	1.02	1.02	1.07
	成型收缩率 Mold Shrinkage 6.35mm截面	D955	%	-	-	-	-	-	-	-
	成型收缩率 Mold Shrinkage 3.18mm截面			1~2	1~2	2~3	1.7~2.2	1.6~2	1.4~1.8	1~1.5
	吸水率(24 hours) Water absorption, 24 hrs @ 23oC	D570	%	-	-	-	-	-	-	-
机械性质	冲击强度 Impact Strength 3.18mm截面(缺 口) Notched Izod	D256	J/m	-	-	-	-	-	-	-
	冲击强度 Impact Strength 3.18mm截面(无缺口) Unnotched Izod			-	-	-	-	-	-	-
	伸张强度 Tensile Strength	D638	MPa	2	4	4	6	6	21	2
	延伸率 Tensile Elongation	D638	%	>200	>450	>250	>400	>250	>300	>150
	伸张模数 Tensile Modulus	D638	MPa	-	-	-	-	-	-	-
	弹性强度 Flexural Strength	D790	MPa	-	-	-	-	-	-	-
	弹性模数 Flexural Modulus	D790	MPa	-	-	-	-	-	-	-
	洛氏硬度 Rockwell Hardness	D785	-	55 A	65 A	65 A	75 A	85A	50 D	60 A
热性质	热变形温度 DTUL at 264 psi (1.82 MPa)	D648	oC	-	-	-	-	-	-	-
	热变形温度 DTUL at 66 psi (0.455 MPa)			-	-	-	-	-	-	-
	连续使用温度 Continuous Use Temp.	UL-746B	oC	-	-	-	-	-	-	-
	线性热膨胀系数 Coefficient of Linear Thermal Expansion	D 696	10^{-5}/oC	-	-	-	-	-	-	-
	防火等级 Flammability thickness	UL-94	-	-	-	-	-	-	-	-
电气性质	体积固有电阻 Volume Resistivity	D257	ohm-cm	1e9~ 9.9e10	1e9~ 9.9e10	<1e3	<1e3	<1e3	<1e3	<1
	表面电阻 Surface Resistivity	D257	ohm/SQ	1e10~ 9.9e11	1e10~ 9.9e11	<1e6	<1e6	<1e6	<1e6	<1e4
	静电消散(MIL-PRF-81705C) Static Decay	FTMS-4046.1	sec	<2	<2	<2	<2	<2	<2	<2

Data are obtained from specimens molded under carefully controlled conditions from representative samples of the compound described herein. Properties may be materially affected by molding techniques applied and by the size and shape of the item molded. No assurance can be implied that all molded articles will have the same properties as those listed.