

Duratron T4501 PAI 塑胶原料 Quadrant 进口

产品名称	Duratron T4501 PAI 塑胶原料 Quadrant 进口
公司名称	深圳市嘉誉鑫科技有限公司
价格	.00/件
规格参数	
公司地址	深圳市龙华区大浪街道高峰社区长燊大厦3层
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产品详情

Duratron T4501

牌号	Duratron T4501
厂家	Quadrant Engineering Plastic Products
分类	PAI
介绍	Duratron T4501 compression molded PAI is well suited for general purpose wear and friction parts. It has a higher compressive strength and can therefore carry more load than Duratron T4540. It is similar in composition to Duratron PAI, and selected when larger shapes are required. Duratron PAI is the highest performing melt processible PAI with superior resistance to elevated temperatures. It is capable of performing under severe stress conditions at temperatures to 500 ° F (260 ° C). Parts machined from Duratron stock shapes provide greater compressive strength and higher impact resistance than most advanced engineering plastics. Its extremely low coefficient of linear expansion and high creep resistance deliver excellent dimensional stability over its entire use range. Duratron PAI is a PAI material with a Tg (glass transition temperature) of 537 ° F (280 ° C). Data provided by Quadrant Engineering Plastic Products from tests on stock shapes and parts produced by Quadrant EPP.

Duratron T4501 PAI 原料 Quadrant :

总体			
材料状态		已商用：当前有效	
资料 1		Technical Datasheet (English)	
搜索 UL 黄卡		Quadrant Engineering Plastic Products	
供货地区		北美洲拉丁美洲	
用途		轴承	
加工方法		压缩模塑	
物理性能	额定值	单位制	测试方法
密度 / 比重	1.45	g/cm	ASTM D792
吸水率			ASTM D570

24 hr	3.0E-3	%	
饱和	0.015	%	
硬度	额定值	单位制	测试方法
洛氏硬度			ASTM D785
E 计秤	70		
M 级	106		
肖氏硬度 (邵氏 D)	90		ASTM D2240

机械性能	额定值	单位制	测试方法
拉伸模量	3030	MPa	ASTM D638
抗张强度			ASTM D638
--	68.9	MPa	
65 ° C	55.2	MPa	
150 ° C	48.3	MPa	
伸长率 (断裂)	0.030	%	ASTM D638
弯曲模量	4480	MPa	ASTM D790
弯曲强度	138	MPa	ASTM D790
压缩模量	2480	MPa	ASTM D695
压缩强度 (10% 110 应变)		MPa	ASTM D695
摩擦系数 (与钢 - 动态)	0.20		内部方法
磨损因数	300	10 ⁻⁸ mm/N · m	内部方法
冲击性能	额定值	单位制	测试方法