

Product	材料名稱	Manufacturer	製造商	Brand 牌子	Country 產地
POM	賽鋼	Formosa	台塑	Formosacon	台灣

FM090

Property	性質	Condition	Unit	ASTM FM090	
Specific Gravity	比重			D-792	1.41
Rockwell Hardness	洛式硬度		M Scale	D-785	80
			R Scale		115
Flexural Strength	彎曲強度		kgf/cm ²	D-790	950
Flexural Modulus	彎曲模數				26000
Tensile Strength (at Yield Point)	拉伸強度 (屈服點)		kgf/cm ²	D-638	620
Elongation (at Break Point)	伸長率 (斷裂點)		%		60
Compressive Stress	壓縮強度	1% Deformation	kgf/cm ²	D-695	320
		10% Deformation			1100
Izod Impact Strength	衝擊強度	凹側23°C 50% RH	kgfcm/cm	D-256	6.5
Water Absorption	吸水率	23°C水中 24小時浸泡	%	D-570	0.22
Flammability	燃燒性			UL-94	HB
Mold Shrinkage	成型收縮率	(3mm ^t , 4in圓盤)	%		1.8 2.2
Characteristic 特性	Standard-flow, Minimal mold 標準流動性, 低模垢				
Application	Buttons and press-in fasteners. Plumbing and hardware. Gears. Electronic parts. Automotive parts, Household appliances. Bearing, Other injection parts.				
用途	扣具按扣、管件及五金、齒輪、電子零件、汽車零件、家庭電器、軸承、其他 射出零件。				

Note: The values presented are typical laboratory data and should not be considered as firm specification or guarantee.
 注意: 目錄中的是試驗數據, 並不在保證範圍內。