Taita Chemical Company, Limited

Head Office：12FL, No.39, Ji-Hu, Taipei, Taiwan
Tel：(886) 2-8751-6888
Fax：(886) 2-2650-3260

台達通用級聚苯乙烯

TAITAREX GPPS/HIPS

(General Purpose Polystyrene) GPPS 866N / B

Characteristics

- Injection Grade
- The most state of the art from US NOVA CHEMICAL
- Low Residual Monomer
- Good Heat Resistance
- Mold Dimension Stability
- Good Transparency
- Easy Processing
- Good Electrical Properties

Applications

- CD-Case/Slim,
- electrical appliances,
- house hardwares,
- cassette & cosmetic cases.

Physical Properties

Properties	ISO method	Test Condition	Unit	Typical Value
Specific Gravity	ISO 1183	---	---	1.04
Melt Flow Index	ISO 1133	200℃, 5kg load	g/cm^3	5.3
Tensile Strength at Yield	ISO 527	23℃, 50 mm/min	kg/cm^2	44
Elongation at Break	ISO 527	23℃, 50 mm/min	%	2
Izod Impact Strength	ISO 180/1A	23℃, Izod Notched	kg-cm/cm	1.8
Vicat Softening Temperature	ISO 306	120°C/hr , 1 kg load	℃	98
Heat Distortion Temperature	ISO 75A	Unanneale 1.8MPa load pressure(Edgewise)	℃	90
Flammability	UL-94	1/16” Sample	File No. E50263	94HB
Residual SM monomer	Internal	GC	ppm	< 300
Haze	---	2.8mm thick	%	0.4

Note：The data listed represent average values and are believed to be reliable. They are given for information; no guarantee of their accuracy is made.