

TPE E-1000 Series

(Translucent)

Item	Test Method	Unit	E-1020C-2	E-1040C-3	E-1050AT	E-1065	E-1070	E-1085
Gravity	ASTM D297	g/cm ³	0.86~0.88	0.86~0.88	0.89~0.91	0.87~0.89	0.87~0.89	0.87~0.90
Hardness	JIS K 6301	Shore C Shore A Shore D	8~10C	21~24C	50~53A	63~67A	68~71A	83~86A
Tensile Strength	ASTM D412C	Kg/cm ²	12~17	15~20	100~120	95~105	44~60	65~95
Elongation	ASTM D412C	%	1,000~1,200	1,200~1,400	620~770	700~850	450~650	400~650
Tear Strength	ASTM D624C	Kg/cm	6~11	8~10	46~55	47~55	27~37	45~65
Melt Flow Index	ASTM D1238	g/10mins	15~23B	3~6B	2~4E	2~4G	10~14E	5~8E

*Melt Flow Index

B represents the condition under 125°C/2.16KG

C represents the condition under 150°C/2.16KG

E represents the condition under 190°C/2.16KG

G represents the condition under 200°C/5KG

Taiwan U-Pellet passed "AFNOR" the Certificate
ISO9001, ISO14001 and OHSAS 18001.

U-Pellet®