

TPE S Series

(Natural)

| Item | Test Method | Unit | S-530W | S-540P | S-545BK | S-560 | S-570A | S-580 |
|------------------|-------------|-------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Gravity | ASTM D297 | g/cm ³ | 1.18~1.20 | 1.19~1.21 | 1.14~1.20 | 1.16~1.19 | 1.14~1.19 | 1.14~1.18 |
| Hardness | JIS K 6301 | Shore C Shore A Shore D | 28~32A | 38~40A | 43~47A | 58~62A | 68~72A | 78~82A |
| Tensile Strength | ASTM D412C | Kg/cm ² | 14~17 | 16~22 | 16~25 | 24~31 | 24~32 | 40~50 |
| Elongation | ASTM D412C | % | 500~650 | 350~550 | 250~550 | 250~400 | 150~400 | 280~400 |
| Tear Strength | ASTM D624C | Kg/cm | 10~14 | 11~15 | 12~17 | 18~23 | 18~25 | 30~38 |
| Melt Flow Index | ASTM D1238 | g/10mins | 13~17E | 18~24E | 13~18E | 13~17E | 30~36E | 15~20E |

*流動指數 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[®]