

# 물 성 표



|                |               |
|----------------|---------------|
| MIPS           | 제 품 특 성       |
| PRODUCT/ GRADE | 광택 및 성형성이 우수함 |
| DMI-673        |               |

| Property                                      | Test Method | Test condition                              | Unit               | Result  |
|---|-------------|---|--------------------|---------|
| SPECIFIC GRAVITY(비중)                          | ASTM D792   |   |                    | 1.04    |
| Mold Shrinkage (성형수축율)                        | ASTM D955   |   | %                  | 0.4~0.8 |
| Melt Flow Rate(유동성)                           | ASTM D1238  | 200°C X 5kg                                 | g/10min            | 8.0     |
|   |             | 220°C X 10kg                                | g/10min            |         |
| Tensile Strength(인장강도)                        | ASTM D638   | 50mm/min                                    | kg/cm <sup>2</sup> | 405     |
| Tensile Modulus(인장탄성율)                        | ASTM D638   | 1mm/min                                     | kg/cm <sup>2</sup> | 27,100  |
| Elongation at Yield(신율)                       | ASTM D638   | 50mm/min                                    | %                  | 20%     |
| Flexural Strength(굴곡강도)                       | ASTM D790   | 15mm/min                                    | kg/cm <sup>2</sup> | 635     |
| Flexural Modulus(굴곡 탄성율)                      | ASTM D790   | 15mm/min                                    | kg/cm <sup>2</sup> | 29,000  |
| IZOD IMPACT(충격강도)                             | ASTM D256   | 1/4", 23°C                                  | kg·cm/cm           | 4       |
|   |             | 1/4", -30°C                                 | kg·cm/cm           | 2       |
|   |             | 1/8", 23°C                                  | kg·cm/cm           | 5       |
|   |             | 1/8", -30°C                                 | kg·cm/cm           | 3       |
| Rockwell hardness                             | ASTM D785   | R-Scale                                     |                    | 111     |
| Heat Deflection Temperature<br>(열변형 온도)       | ASTM D648   | 18.6kg/cm <sup>2</sup> 1/4"<br>(Annealed)   | °C                 | 93      |
|   |             | 18.6kg/cm <sup>2</sup> 1/4"<br>(Unannealed) | °C                 | 82      |
|   |             | 4.6kg/cm <sup>2</sup> 1/4"<br>(Annealed)    | °C                 | 93      |
|   |             | 4.6kg/cm <sup>2</sup> 1/4"<br>(Unannealed)  | °C                 | 88      |
| Vicat Softening Temp<br>(annealed)(Vicat 연화점) | ASTM D1525  | 5kg/50°C/h                                  | °C                 | 90      |
| Flammability(난연성)                             | UL94        | 1/8"  | class              | HB      |
| Characteristics(특성)                           |             |   | Medium Impact(중충격) |         |

DREAM Chem Co., Ltd



#121 SAMGYE-GIL CHEONGBUK-MYEON

PYEONGTAEK-SI GYEONGGI-DO 451-832 KOREA

[www.dreamchem.net](http://www.dreamchem.net)

Tel : 82-31-684-9002, Fax : 82-31-684-9022