

물 성 표



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| 난연 ABS | 제 품 특 성 |
| PRODUCT/ GRADE | 내충격성, 강성, 유동성 등 물성균형이 뛰어나고 작업성이 우수함 |
| DAF-982E | |

| Property | Test Method | Test condition | Unit | Result |
|---|-------------|---|--------------------|---------|
| SPECIFIC GRAVITY(비중) | ASTM D792 | | | 1.13 |
| Mold Shrinkage (성형수축율) | ASTM D955 | | % | 0.4~0.7 |
| Melt Flow Rate(유동성) | ASTM D1238 | 200°C X 5kg | g/10min | 4.5 |
| | | 220°C X 10kg | g/10min | 50.0 |
| Tensile Strength(인장강도) | ASTM D638 | 50mm/min | kg/cm ² | 460 |
| Tensile Modulus(인장탄성율) | ASTM D638 | 1mm/min | kg/cm ² | 22,000 |
| Elongation at Yield(신율) | ASTM D638 | 50mm/min | % | 25% |
| Flexural Strength(굴곡강도) | ASTM D790 | 15mm/min | kg/cm ² | 720 |
| Flexural Modulus(굴곡 탄성율) | ASTM D790 | 15mm/min | kg/cm ² | 24,500 |
| IZOD IMPACT(충격강도) | ASTM D256 | 1/4", 23°C | kg·cm/cm | 15 |
| | | 1/4", -30°C | kg·cm/cm | 6 |
| | | 1/8", 23°C | kg·cm/cm | 17 |
| | | 1/8", -30°C | kg·cm/cm | 6 |
| Rockwell hardness | ASTM D785 | R-Scale | | 101 |
| Heat Deflection Temperature (열변형 온도) | ASTM D648 | 18.6kg/cm ² 1/4" (Annealed) | °C | 89 |
| | | 18.6kg/cm ² 1/4" (Unannealed) | °C | 95 |
| | | 4.6kg/cm ² 1/4" (Annealed) | °C | 90 |
| | | 4.6kg/cm ² 1/4" (Unannealed) | °C | 82 |
| Vicat Softening Temp (annealed)(Vicat 연화점) | ASTM D1525 | 5kg/50°C/h | °C | 90 |
| Flammability(난연성) | UL94 | 1/8" | class | V-2 |
| Chatacteristics(특성) | | | Low Density(저비중) | |

DREAM Chem Co., Ltd



#121 SAMGYE-GIL CHEONGBUK-MYEON

PYEONGTAEK-SI GYEONGGI-DO 451-832 KOREA

www.dreamchem.net

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