



creative thermoplastic compounds

## PB847I4

Release Date: 21/06/2009

**20% Glass Fiber and Mineral Reinforced, Impact Modified Polyamide 6 for Injection Moulding applications.**

ISO

| PHYSICAL PROPERTIES                | UNIT              | TEST METHOD | VALUES  |
|------------------------------------|-------------------|-------------|---------|
| DENSITY                            | g/cm <sup>3</sup> | ISO-1183    | 1.3     |
| MOULD SHRINKAGE                    | %                 | ISO-2577    | 0.5-0.7 |
| MECHANICAL PROPERTIES              | UNIT              | TEST METHOD | VALUES  |
| TENSILE YIELD STRENGTH             | MPa               | ISO-527     | 75      |
| TENSILE MODULUS                    | MPa               | ISO-527     | 3200    |
| STRAIN @ BREAK                     | %                 | ISO-527     | 3.5     |
| FLEXURAL STRENGTH                  | MPa               | ISO-178     | 125     |
| FLEXURAL MODULUS                   | MPa               | ISO-178     | 3500    |
| NOTCHED IZOD IMPACT STRENGTH +23°C | Kj/m <sup>2</sup> | ISO-180     | 9       |
| THERMAL PROPERTIES                 | UNIT              | TEST METHOD | VALUES  |
| MELTING POINT                      | °C                | ISO-11357   | 218     |

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