

TEREZ ABS 5010

Acrylonitrile Butadiene Styrene

TER HELL PLASTIC GMBH

Message:

Standard quality with good flowability.

For all kind of moulding parts.

| General Information | | | |
|---|-------------------|-------------------|-------------|
| Features | Good Flow | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.05 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (220°C/10.0 kg) | 16 | g/10 min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 2200 | MPa | ISO 527-2 |
| Tensile Stress (Yield) | 46.0 | MPa | ISO 527-2 |
| Tensile Strain (Yield) | 2.4 | % | ISO 527-2 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | | | ISO 179/1eA |
| -30°C | 10 | kJ/m ² | |
| 23°C | 19 | kJ/m ² | |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 100 | °C | ISO 75-2/A |
| Vicat Softening Temperature | 97.0 | °C | ISO 306/B50 |

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

