

# TEREZ ABS 3308

Acrylonitrile Butadiene Styrene

TER HELL PLASTIC GMBH

Message:

Standard ABS, fast flowing with balanced impact strength.  
For all kind of moulding parts.

| General Information                       |                        |          |             |
|-------------------------------------------|------------------------|----------|-------------|
| Features                                  | Good Impact Resistance |          |             |
|                                           | High Flow              |          |             |
| Processing Method                         | Injection Molding      |          |             |
| Physical                                  | Nominal Value          | Unit     | Test Method |
| Density                                   | 1.04                   | g/cm³    | 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                           | 2300                   | MPa      | ISO 527-2   |
| Tensile Stress (Yield)                    | 45.0                   | MPa      | ISO 527-2   |
| Tensile Strain                            |                        |          | ISO 527-2   |
| Yield                                     | 2.5                    | %        |             |
| Break                                     | 15                     | %        |             |
| Impact                                    | Nominal Value          | Unit     | Test Method |
| Charpy Notched Impact Strength (23°C)     | 11                     | kJ/m²    | ISO 179/1eA |
| Charpy Unnotched Impact Strength (23°C)   | 160                    | kJ/m²    | ISO 179/1eU |
| Thermal                                   | Nominal Value          | Unit     | Test Method |
| Heat Deflection Temperature               |                        |          |             |
| 0.45 MPa, Unannealed                      | 93.0                   | °C       | ISO 75-2/B  |
| 1.8 MPa, Unannealed                       | 87.0                   | °C       | ISO 75-2/A  |
| Vicat Softening Temperature               | 92.0                   | °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



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