

Mytex® AS33L(W)-06

Polypropylene

Mytex Polymers

Message:

AS33L(W)-06 is a compounded, talc, and rubber modified polypropylene for exterior automotive applications. Material has outstanding moldability and excellent balance of high stiffness and good impact performance properties. Available in generic or customer specific pre-colored versions with or without weathering and/or scratch additives.

| General Information | | | |
|--|---------------------------|-------------------|-------------|
| Filler / Reinforcement | Talc | | |
| Additive | Rubber Impact Modifier | | |
| Features | Good Moldability | | |
| | High Impact Resistance | | |
| | High Stiffness | | |
| | Impact Modified | | |
| | Paintable | | |
| Uses | Automotive Applications | | |
| | Automotive Exterior Parts | | |
| | Automotive Exterior Trim | | |
| Forms | Pellets | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.968 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 28 | g/10 min | ASTM D1238 |
| Hardness | Nominal Value | Unit | Test Method |
| Rockwell Hardness (R-Scale) | 50 | | ASTM D785 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ¹ (Yield) | 20.0 | MPa | ASTM D638 |
| Flexural Modulus - Tangent ² | 1400 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 550 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 100 | °C | ASTM D648 |
| NOTE | | | |
| 1. | 50 mm/min | | |
| 2. | 1.3 mm/min | | |

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Recommended distributors for this material

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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