

# TYNE® Olefins W6223

Polypropylene Homopolymer

Tyne Plastics LLC.

## Message:

TYNE® Olefins W6223 is a Polypropylene Homopolymer (PP Homopolymer) material filled with 20% talc. It is available in North America.

| General Information                                      |                           |                   |             |
|----------------------------------------------------------|---------------------------|-------------------|-------------|
| Filler / Reinforcement                                   | Talc,20% Filler by Weight |                   |             |
| Forms                                                    | Pellets                   |                   |             |
| Physical                                                 | Nominal Value             | Unit              | Test Method |
| Specific Gravity                                         | 1.05                      | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)                | 12                        | g/10 min          | ASTM D1238  |
| Mechanical                                               | Nominal Value             | Unit              | Test Method |
| Tensile Strength (Yield)                                 | 33.1                      | MPa               | ASTM D638   |
| Tensile Elongation (Break)                               | 30                        | %                 | ASTM D638   |
| Flexural Modulus                                         | 2170                      | MPa               | ASTM D790   |
| Flexural Strength                                        | 41.7                      | MPa               | ASTM D790   |
| Impact                                                   | Nominal Value             | Unit              | Test Method |
| Notched Izod Impact (6.35 mm)                            | 29                        | J/m               | ASTM D256   |
| Unnotched Izod Impact (6.35 mm)                          | 270                       | J/m               | ASTM D256   |
| Gardner Impact                                           | 0.362                     | J                 | ASTM D3029  |
| Thermal                                                  | Nominal Value             | Unit              | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 112                       | °C                | ASTM D648   |

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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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