

# Ferro PP NPP00GW22GY

Polypropylene  
Ferro Corporation

Message:  
Ferro PP NPP00GW22GY is a polypropylene material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The main characteristics of Ferro PP NPP00GW22GY are impact modification.

| General Information                       |                     |                   |             |
|-------------------------------------------|---------------------|-------------------|-------------|
| Additive                                  | Impact modifier     |                   |             |
| Features                                  | Impact modification |                   |             |
| Forms                                     | Particle            |                   |             |
| Physical                                  | Nominal Value       | Unit              | Test Method |
| Specific Gravity                          | 0.908               | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 8.5                 | g/10 min          | ASTM D1238  |
| Molding Shrinkage                         |                     |                   | ASTM D955   |
| Flow                                      | 1.8                 | %                 | ASTM D955   |
| Transverse flow                           | 2.2                 | %                 | ASTM D955   |
| Mechanical                                | Nominal Value       | Unit              | Test Method |
| Tensile Strength (Yield, 23°C)            | 30.3                | MPa               | ASTM D638   |
| Tensile Elongation (Break, 23°C)          | 50                  | %                 | ASTM D638   |
| Flexural Modulus                          |                     |                   | ASTM D790   |
| 1% secant: 23°C                           | 1190                | MPa               | ASTM D790   |
| Tangent: 23°C                             | 1280                | MPa               | ASTM D790   |
| Flexural Strength (Yield, 23°C)           | 37.9                | MPa               | ASTM D790   |
| Impact                                    | Nominal Value       | Unit              | Test Method |
| Notched Izod Impact (23°C)                | 96                  | J/m               | ASTM D256   |
| Unnotched Izod Impact (23°C)              | No Break            |                   | ASTM D256   |
| Dart Drop Impact                          | 22.6                | J                 | ASTM D5420  |
| Thermal                                   | Nominal Value       | Unit              | Test Method |
| Deflection Temperature Under Load         |                     |                   | ASTM D648   |
| 0.45 MPa, not annealed                    | 95.0                | °C                | ASTM D648   |
| 1.8 MPa, not annealed                     | 48.9                | °C                | ASTM D648   |
| Additional Information                    |                     |                   |             |

Filler Content, ASTM D2584: 0.5%

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

