

# Nanjing Hongrui PP P353

Polypropylene

Nanjing Hongrui Engineering Plastics Co., Ltd.

Message:

Nanjing Hongrui PP P353 is a Polypropylene material filled with 15% glass\mineral and 25% mineral. It is available in Asia Pacific. Primary attribute of Nanjing Hongrui PP P353: Flame Rated.  
Typical application of Nanjing Hongrui PP P353: Engineering/Industrial Parts

| General Information                                      |                                     |                   |             |
|----------------------------------------------------------|-------------------------------------|-------------------|-------------|
| Filler / Reinforcement                                   | Glass\Mineral, 15% Filler by Weight |                   |             |
|                                                          | Mineral, 25% Filler by Weight       |                   |             |
| Uses                                                     | Machine/Mechanical Parts            |                   |             |
| Physical                                                 | Nominal Value                       | Unit              | Test Method |
| Specific Gravity                                         | 1.42                                | g/cm <sup>3</sup> | ASTM D792   |
| Molding Shrinkage - Flow                                 | 0.10                                | %                 | ASTM D955   |
| Hardness                                                 | Nominal Value                       | Unit              | Test Method |
| Rockwell Hardness (R-Scale)                              | 120                                 |                   | ASTM D785   |
| Mechanical                                               | Nominal Value                       | Unit              | Test Method |
| Tensile Strength                                         | 120                                 | MPa               | ASTM D638   |
| Tensile Elongation (Break)                               | 2.0                                 | %                 | ASTM D638   |
| Flexural Modulus                                         | 7500                                | MPa               | ASTM D790   |
| Flexural Strength                                        | 190                                 | MPa               | ASTM D790   |
| Impact                                                   | Nominal Value                       | Unit              | Test Method |
| Notched Izod Impact (Area)                               | 5.00                                | kJ/m <sup>2</sup> | ASTM D256   |
| Thermal                                                  | Nominal Value                       | Unit              | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 140                                 | °C                | ASTM D648   |
| Melting Temperature                                      | 175                                 | °C                |             |
| Electrical                                               | Nominal Value                       | Unit              | Test Method |
| Surface Resistivity                                      | 1.0E+15                             | ohms              | ASTM D257   |
| Dielectric Strength                                      | 16                                  | kV/mm             | ASTM D149   |
| Flammability                                             | Nominal Value                       | Unit              | Test Method |
| Flame Rating                                             | HB                                  |                   | UL 94       |

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

