

# Restramid PA 6 30GF/V0

Polyamide 6  
Polimarky Spolka Jawna

Message:  
Restramid PA 6 30GF/V0 is a Polyamide 6 (Nylon 6) product. It is available in Europe. Primary characteristic: flame retardant.

| General Information                               |                 |                   |              |
|---------------------------------------------------|-----------------|-------------------|--------------|
| Additive                                          | Flame Retardant |                   |              |
| Features                                          | Flame Retardant |                   |              |
| Physical                                          | Nominal Value   | Unit              | Test Method  |
| Density                                           | 1.40 to 1.60    | g/cm <sup>3</sup> | ISO 1183     |
| Mechanical                                        | Nominal Value   | Unit              | Test Method  |
| Tensile Modulus                                   | 9500 to 11000   | MPa               | ISO 527-2    |
| Tensile Stress                                    | 125 to 175      | MPa               | ISO 527-2    |
| Tensile Strain (Break)                            | 2.0 to 4.0      | %                 | ISO 527-2    |
| Impact                                            | Nominal Value   | Unit              | Test Method  |
| Charpy Notched Impact Strength (23°C)             | 11 to 16        | kJ/m <sup>2</sup> | ISO 179/1A   |
| Thermal                                           | Nominal Value   | Unit              | Test Method  |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 170             | °C                | ISO 75-2/A   |
| Vicat Softening Temperature                       | 215             | °C                | ISO 306/A120 |
| Injection                                         | Nominal Value   | Unit              |              |
| Drying Temperature                                | 80.0 to 85.0    | °C                |              |
| Drying Time                                       | 5.0             | hr                |              |
| Processing (Melt) Temp                            | 240 to 250      | °C                |              |
| Mold Temperature                                  | 75.0 to 90.0    | °C                |              |

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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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