

SIBUR

Technical Data Sheet PP I602 IM/5 Polypropylene Impact copolymer

PRODUCT DESCRIPTION

PP I602 IM/5 is a nucleated copolymer with antistatic agent suitable for Injection Molding applications. The product exhibits a beneficial combination of high stiffness, excellent impact characteristics and high fluidity. The articles produced from this grade show long-term stability and outstanding creep and impact resistance.

TYPICAL APPLICATIONS

PP I602 IM/5 is specially recommended for Injection Molding applications with an optimum stiffness/impact balance such as the production of containers, buckets, packaging, utensils, automotive parts.

| Properties | Conditions | Method | Typical values* | Units |
|------------------------------|----------------|------------|-----------------|----------|
| Rheology | | | | |
| Melt Flow Rate | 230 °C/2.16 kg | ASTM D1238 | 60 | g/10 min |
| Mechanical | | | | |
| Tensile Stress at Yield | 50 mm/min | ASTM D638 | 27 | MPa |
| Elongation at Yield | 50 mm/min | ASTM D638 | 5 | % |
| Flexural Modulus | 1.27 mm/min | ASTM D790 | 1300 | MPa |
| Notched Izod Impact Strength | 23 °C | ASTM D256 | 70 | J/m |

*The values given are typical values measured on the product. These values should not be considered as specification.

REACH Statement

Polymers are exempt of REACH registration. However, their raw materials which mean monomers and relevant additives have been registered.

PJSC «Sibur Holding» (and its subsidiaries) is committed to fully respect REACH legislation and to use only REACH compliant raw materials.

Safety

See MSDS