

PRODUCT DESCRIPTION

PP H032 TF is a polypropylene homopolymer with standard molecular weight distribution. The product is characterized by medium melt flow rate, a special stabilization package including nucleating and antistatic agents, and improved physical and mechanical properties.

TYPICAL APPLICATIONS

PP H032 TF is recommended for high-speed extrusion followed by thermoforming. The product is suitable for food contact applications. It complies with EU Food Contact Regulations.

| Physical Properties | Method | Typical values* |
|---|----------|-----------------------|
| Rheology | | |
| Melt Flow Rate (230 °C/2.16 kg) | ISO 1133 | 3.0 g/10 min |
| Mechanical | | |
| Tensile Stress at Yield (50 mm/min) | ISO 527 | 33 MPa |
| Elongation at Yield (50 mm/min) | ISO 527 | 7 % |
| Tensile strength at break (50 mm/min) | ISO 527 | 16 MPa |
| Flexural modulus (50 mm/min) | ISO 178 | 1700 MPa |
| Notched Izod impact strength (23 °C) | ISO 180 | 4.1 kJ/m ² |
| Thermal | | |
| Vicat Softening Temperature (10 N) | ISO 306 | 162 °C |
| Heat deflection temperature (0.45 MPa) | ISO 75-2 | 130 °C |

*Typical values; not for 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

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