

PRODUCT DESCRIPTION

PP H270 FF/7 is a polypropylene homopolymer with narrow molecular weight distribution. The product is characterized by high melt flow rate and anti-gas fading stabilization package providing excellent colour protection and balanced physical and mechanical properties.

TYPICAL APPLICATIONS

PP H270 FF/7 is recommended for non-woven materials, thermally bonded and needled fabrics, agricultural textile, personal hygiene items. It complies with EU Food Contact Regulations.

| Properties | Conditions | Method | Typical values* | Units |
|-----------------------------|----------------|----------|-----------------|----------|
| Rheology | | | | |
| Melt Flow Rate | 230 °C/2.16 kg | ISO 1133 | 27 | g/10 min |
| Mechanical | | | | |
| Tensile Stress at Yield | 50 mm/min | ISO 527 | 34 | MPa |
| Elongation at Yield | 50 mm/min | ISO 527 | 8 | % |
| Flexural Modulus | 2 mm/min | ISO 178 | 1200 | MPa |
| Thermal | | | | |
| Vicat Softening Temperature | 10 N | ISO 306 | 154 | °C |
| Heat Deflection Temperature | 0.45 MPa | ISO 75 | 85 | °C |

*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.

«Kazakhstan Petrochemical Industries Inc.» LLP is committed to fully respect REACH legislation and to use only REACH compliant raw materials.

Safety

See MSDS

Contact

«Kazakhstan Petrochemical Industries Inc.» LLP

RK, Atyrau region, Atyrau city,
060000, Vladimirskogo 26V street
Tel.: +7 (7122) 30 65 00
E-mail: ml@kpi.kz
Website: <http://www.kpi.kz/>

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