

Technical Data Sheet

CAPILENE® G 70 TF

Polypropylene Homopolymer

Description

CAPILENE® G 70 TF is a nucleated polypropylene homopolymer intended for sheet extrusion and thermoforming applications. This grade exhibits high stiffness, high gloss, good contact transparency, short cycle time, and improved characteristics at high temperature.

Applications

CAPILENE® G 70 TF is suitable for extrusion-thermoforming of thin, stiff and transparent food containers, containers for higher temperature filling.

Quality, Environment and Safety Regulations

Material Safety Data Sheet and Product Safety declarations are available on our web site <http://www.caol.co.il>

| Properties | | Method | Typical Value* | Unit |
|-------------------------------|----------------|-------------|----------------|-------------------|
| Physical | | | | |
| Melt Flow Rate | (230°C/2.16Kg) | ISO 1133 | 3 | g/10min |
| Mechanical | | | | |
| Tensile Stress at Yield | (50mm/min) | ISO 527-2 | 38 | MPa |
| Tensile Strain at Yield | (50mm/min) | ISO 527-2 | 9 | % |
| Flexural Modulus | (5mm/min) | ISO 178 | 2000 | MPa |
| Izod Impact Strength, notched | (+23°C) | ISO 180 | 3 | KJ/m ² |
| Thermal | | | | |
| Vicat Softening Temperature | (10N) | ISO 306 | 159 | °C |
| Heat Deflection Temperature | (0.45MPa) | ISO 75-2 | 110 | °C |
| Optical | | | | |
| Haze | (1.0mm plaque) | ASTM D 1003 | 30 | % |

**Typical values; not to be construed as specifications.*

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Last updated: Feb-2008