

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)	ASTM D 1238	3	g/10min
Mechanical				
Tensile Stress at Yield	(50mm/min)	ASTM D 638	38	MPa
Tensile Strain at Yield	(50mm/min)	ASTM D 638	9	%
Flexural Modulus		ASTM D 790	2100	MPa
Izod Impact Strength, notched	(+23°C)	ASTM D 256	30	J/m
Thermal				
Vicat Softening Temperature	(10N)	ASTM D 1525	159	°C
Heat Deflection Temperature	(0.45MPa)	ASTM D 648	122	°C
Optical				
Haze	(1.0mm plaque)	ASTM D 1003	30	%

*Typical values; not to be construed as specifications.