



Producer: Carmel Olefins Ltd. / Israel

CAPILENE® G65F

Description:

CAPILENE® G65F is a polypropylene homopolymer designed for the production of biaxially oriented polypropylene film (BOPP). It exhibits good processability, easy film stretchability and good mechanical properties.

Applications:

Typical applications for **CAPILENE® G65F** are BOPP plain or coextruded packaging films. It doesn't contain slip or antiblock additives and is also calcium stearate free, therefore it is suitable for production of metallizable BOPP film.

CAPILENE® G65F is also used with the extrusion and coextrusion thermoforming process where melt strength is of importance

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	33	Mpa
Tensile Strain at Yield (50mm/min)	ASTM D 638	15	%
Flexural Modulus (50mm/min)	ASTM D 790	1550	Mpa
Izod Impact Strength, notched (+23°C)	ASTM D 256	40	J/m
Thermal			
Vicat Softening Temperature (10N)	ASTM D 1525	155	°C
Heat Deflection Temperature (0.45MPa)	ASTM D 648	95	°C

*Typical values; not to be construed as specifications.