



Technical Data Sheet

CAPILENE® QU 80 A

Polypropylene Random Copolymer

Description

CAPILENE® QU 80 A is a polypropylene random copolymer intended for transparent thin wall injection molding articles.

CAPILENE® QU 80 A features: clarifier and antistatic additives, good organoleptic properties, high flow, good balance of stiffness and impact strength at ambient temperature, energy saving and short cycle time.

Applications

CAPILENE® QU 80 A is suitable for: thin walled packaging items, products with long flow length, household articles, toys and food packaging containers.

Quality, Environment and Safety Regulations

Material Safety Data Sheets and other regulatory documents are available on our web site <http://www.caol.co.il>

Properties		Method	Typical Value*	Unit
Physical				
Melt Flow Rate	(230°C/2.16 kg)	ASTM D 1238	35	g/10 min
Mechanical				
Tensile Stress at Yield	(50 mm/min)	ASTM D 638	25	MPa
Tensile Strain at Yield	(50 mm/min)	ASTM D 638	14	%
Flexural Modulus		ASTM D 790	1050	MPa
Izod Impact Strength, notched	(+23°C)	ASTM D 256	50	J/m
Thermal				
Vicat Softening Temperature	(10 N)	ASTM D 1525	130	°C
Heat Deflection Temperature	(0.45 MPa)	ASTM D 648	75	°C
Optical				
Haze	(1 mm plaque)	ASTM D1003	8	%

*Typical values; not to be construed as specifications.

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