

Technical Data Sheet

CAPILENE® W 77 AV

Polypropylene Homopolymer

Description

CAPILENE® W 77 AV is a very high melt flow rate controlled rheology polypropylene homopolymer for injection molding with antistatic and nucleating additives. It offers a good balance of stiffness and flow, fast cycle, high de-molding temperature, low warpage, and good contact clarity.

Applications

CAPILENE® W 77 AV is designed for multi-cavity injection molding, thin walled packaging products, houseware articles and toys.

Quality, Environment and Safety Regulations

Material Safety Data Sheets 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	55	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	1800	MPa
Izod Impact Strength, notched	(+23°C)	ASTM D 256	20	J/m
Thermal				
Vicat Softening Temperature	(10N)	ASTM D 1525	153	°C
Heat Deflection Temperature	(0.45MPa)	ASTM D 648	108	°C

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