

Product Description

CAPILENE® CW 71 AM is a specialty polypropylene combining the typical advantages of polypropylene random and heterophasic copolymers.

- Features:**
- Excellent impact at sub-zero temperature
 - Low stress whitening
 - Short cycle time
 - Mold release
 - Good transparency
 - High gloss
 - Clarified
 - Low warpage

- Uses:**
- Deep freeze applications
 - Ice-cream containers
 - Pails
 - Boxes
 - Thin wall packaging
 - Caps and closures
 - Toys
 - Luggage

- Processing Methods:**
- Injection molding

Properties		Method	Typical Value*	Unit
Physical				
Melt Flow Rate	(230°C/2.16 kg)	ISO 1133	50	g/10 min
Mechanical				
Flexural Modulus	(5 mm/min)	ISO 178	900	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	25	kJ/m ²
Izod Impact Strength, notched	(0°C)	ISO 180	9	kJ/m ²
Izod Impact Strength, notched	(-20°C)	ISO 180	5	kJ/m ²
Thermal				
Vicat Softening Temperature	(10 N)	ISO 306	129	°C
Heat Deflection Temperature	(0.45 MPa)	ISO 75-2	79	°C
Optical				
Haze	(0.5mm TWIM container)	internal	15	%
Gloss**	(45°, 50 µm film)	ASTM D2457	65	%

*Typical values; not to be construed as specifications.

** Measured on 50 µm cast film.

Health, Quality, Regulations and Safety

This product is not classified as dangerous substance. Material safety data sheets, international standards certificates (e.g. ISO 9001) and other regulatory documents are available on our website. This product is not intended for use in medical or pharmaceutical applications and we do not support its use for such applications.