

Preliminary Technical Data Sheet
CAPILENE® CU 78 AM
Specialty Polypropylene



Product Description

Developmental grade CAPILENE® CU 78 AM is a specialty polypropylene combining typical advantages of polypropylene random and heterophasic copolymers.

The grade is being in development status, this is a preliminary data sheet and subjected to changes.

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

- 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	35	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
Optical				
Haze	(1 mm plaque)	ASTM D	25	%

*Typical values; not to be construed as specifications.

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.

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