

Product Description

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

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 | 850 | MPa |
| Izod Impact Strength, notched | (+23°C) | ISO 180 | 30 | 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.