Technical Data Sheet

CAPILENE® CU 78 AM

Specialty Polyolefin

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 D1003	25	%

*Typical values; not to be construed as specifications.

Health, Quality, Regulations and Safety

This product is not classified as dangerous substance and intended for industrial use, to produce plastic articles. Material safety data sheets, international standards certificates and other regulatory documents are available on our website. Carmel Olefins products have not been tested and therefore not validated for use in pharmaceutical/medical applications, and their suitability for these uses cannot be guaranteed. It is the customer's responsibility to test and approve their technical and regulatory suitability in order to satisfy themselves as to the particular purpose and application(s).

Carmel Olefins Ltd. POB 1468 Haifa 31014 Israel
Website: http://www.Carmel-Olefins.co.il
Email: techserv@caol.co.il

Date: January 2024