

Technical Data Sheet
CAPILENE® CU 71 A
Specialty Polypropylene
Description

CAPILENE® CU 71 A is a specialty polypropylene combining the typical advantages of polypropylene random and heterophasic copolymers, and is designed for injection molding.

CAPILENE® CU 71 A features: high gloss, good stiffness/impact balance giving a safe solution with less or no sharp fractures that may injure children, good transparency, very low stress whitening, excellent organoleptic performance and short molding cycle.

Applications

CAPILENE® CU 71 A is suitable for: thin wall packaging, containers for packaging and storage, household goods, caps & closures, pails and boxes, appliances and toys.

Quality, Environment and Safety Regulations

Material Safety Data Sheets and other regulatory documents are available on our web site <http://www.caol.co.il>

Properties		Method	Typical Value*	Unit
Physical				
Melt Flow Rate	(230°C/2.16 kg)	ISO 1133	35	g/10 min
Mechanical				
Tensile Stress at Yield	(50 mm/min)	ISO 527-2	24	MPa
Tensile Strain at Yield	(50 mm/min)	ISO 527-2	15	%
Flexural Modulus	(5 mm/min)	ISO 178	950	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	10	kJ/m ²
Izod Impact Strength, notched	(-20°C)	ISO 180	3	kJ/m ²
Thermal				
Vicat Softening Temperature	(A50)	ISO 306	129	°C
Heat Deflection Temperature	(0.45 MPa)	ISO 75-2	70	°C
Optical				
Haze	(1 mm plaque)	ASTM D	30	%

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

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

Last updated: April 2016

The information contained herein is to our knowledge accurate and reliable as of the date of publication. Carmel Olefins extends no warranties and makes no representations as to the accuracy or completeness of the information contained herein and assumes no responsibility regarding the consequences of its use or for any printing errors. Our products are intended for sale to industrial and commercial customers. It is the customer's responsibility to inspect and test our products in order to satisfy himself as to the suitability of the products for the customer's particular purpose. The customer is also responsible for the appropriate, safe and legal use, processing and handling of our products.