Date: June 2017

## **Technical Data Sheet CAPILENE® CT 71 A**

## **Specialty Polypropylene**



## **Product Description**

CAPILENE® CT 71 A is a specialty polypropylene combining typical advantages of polypropylene random and heterophasic copolymers.

Features:	<ul><li>Excellent impact</li><li>Very low stress whitening</li><li>Mold release</li><li>Good organoleptic properties</li></ul>	<ul><li>Good transparency</li><li>High gloss</li><li>Clarified</li><li>Short cycle time</li></ul>
Uses:	<ul><li>Thin wall packaging</li><li>Large storage boxes</li><li>Clear pails</li><li>Clear containers</li></ul>	<ul><li>Household articles</li><li>Heavy duty toolboxes</li><li>Caps and closures</li><li>Toys</li></ul>

**Processing Methods:** Injection molding

Properties			Method	Typical Value*	Unit
Physical		_			
Melt Flow Rate		(230°C/2.16 kg)	ISO 1133	25	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	17	%
Flexural Modulus		(5 mm/min)	ISO 178	900	MPa
Izod Impact Strength,	notched	(+23°C)	ISO 180	18	kJ/m²
Izod Impact Strength,	notched	(-20°C)	ISO 180	3	kJ/m²
Thermal					
Vicat Softening Tempe	erature	(10 N)	ISO 306	135	°C
Heat Deflection Tempe	erature	(0.45 MPa)	ISO 75-2	79	°C
Optical					
Haze		(1 mm plaque)	ASTM D1003	30	%

<sup>\*</sup>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.

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

Email: techserv@caol.co.il

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.