

Preliminary Technical Data Sheet

CAPILENE® U 50 LE

Polypropylene Homopolymer



Product Description

CAPILENE® U 50 LE is a polypropylene homopolymer intended for automotive applications, including interior trims, requiring low emission of volatiles according to VDA 278 method.

Features:	• Low emission	• Excellent organoleptics
	• High flow	• Good stiffness
	• Basic additive package	

Uses:	• Automotive interior trims	• Crates
	• Automotive compounds	• Containers
	• Household articles	

Processing Methods:	• Injection molding	• Compounding
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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	1500 MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	2.5 kJ/m²
Emission tests	VDA 278		Pass
VOC	VDA 278		Pass
FOG			Pass

*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).

