

Rotuba CAB B9001-16H (16% Platicizer)

Cellulose Acetate Butyrate

Rotuba Extruders, Inc.

Message:

Rotuba CAB B9001-16H (16% Platicizer) is a cellulose acetate butyrate (CAB) product. It can be processed by injection molding and is available in North America. Rotuba CAB B9001-16H (16% Platicizer) has applications including optics/lenses, automotive industry, commercial/office supplies, consumer goods and handles.

Features include:

environmental protection/green

Good dimensional stability

Impact resistance

good weather resistance

General Information			
Features	Good dimensional stability Updatable resources Low temperature impact resistance Good weather resistance amorphous		
Uses	Handle Optical applications Application in Automobile Field Toys Stationery		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.20 - 0.60	%	ASTM D955
Water Absorption (24 hr)	1.3	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	25.5	MPa	ASTM D638
Fracture	33.8	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	1100	MPa	ASTM D790
Flexural Strength	33.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	330	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (1.8 MPa, Unannealed)	63.9	°C	ASTM D648
Vicat Softening Temperature	96.1	°C	ASTM D1525
Injection	Nominal Value	Unit	
Processing (Melt) Temp	213	°C	
Mold Temperature	43	°C	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

