Cellidor B 500-05

Cellulose Acetate Butyrate

ALBIS PLASTIC GmbH

Message:

Cellidor B 500-05 is a Cellulose Acetate Butyrate (CAB) product. It is available in Asia Pacific, Europe, or North America.
Characteristics include:
REACH Compliant
RoHS Compliant
Plasticized
Eco-Friendly/Green
Low to No Odor/Taste

General Information			
Additive	Plasticizer (5%)		
Features	Low to No Odor Non-Phthalate Plasticizer Renewable Resource Content		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.19	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (210°C/2.16 kg)	2.00	cm³/10min	ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Ball Indentation Hardness (H 132/30)	90.0	MPa	ISO 2039-1
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	2000	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	50.0	MPa	
Break	50.0	MPa	
Tensile Strain			ISO 527-2
Yield	4.7	%	
Break	10	%	
Flexural Stress (3.5% Strain)	60.0	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength	15	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	120	kJ/m²	ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature (1.8 MPa, Unannealed)	100	°C	ISO 75-2/A
Vicat Softening Temperature	100	°C	ISO 306/B50
Electrical	**Nominal Value**	**Unit**	**Test Method**

Surface Resistivity	1.0E+14	ohms	IEC 60093
Volume Resistivity	1.0E+18	ohms·cm	IEC 60093

Injection	Nominal Value	Unit
Drying Temperature	60.0 to 90.0	°C
Drying Time	2.0 to 4.0	hr
Suggested Max Moisture	0.15	%
Processing (Melt) Temp	180 to 230	°C
Mold Temperature	40.0 to 80.0	°C

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