

Rotuba CA H4

Cellulose Acetate
Rotuba Extruders, Inc.

Message:

Rotuba CA H4 is a cellulose acetate (CA) product. It can be processed by injection molding and is available in North America. The application areas of Rotuba CA H4 include tools, consumer goods and medical/health care. The main features are: environmental protection/green.

General Information			
Features	Updatable resources		
	Good stability		
	Good color stability		
Uses	Mould		
	Buttons		
	Toys		
	Glasses		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm ³	ASTM D792
Water Absorption (24 hr)	2.3	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	101		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	40.3	MPa	ASTM D638
Fracture	49.6	MPa	ASTM D638
Tensile Elongation (Yield)	28	%	ASTM D638
Flexural Modulus	1520	MPa	ASTM D790
Flexural Strength (Yield)	64.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C	53	J/m	ASTM D256
23°C	150	J/m	ASTM D256

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