Rotuba CAP CP808 (10% Plasticizer)

Cellulose Acetate Propionate

Rotuba Extruders, Inc.

Message:

Rotuba CAP CP808 (10% Plasticizer) is a cellulose acetate propionate (CAP) product. It can be processed by injection molding and is available in North America. Rotuba CAP CP808 (10% Plasticizer) has applications including optics/lenses, containers and handles.
Features include:
environmental protection/green
Good dimensional stability
Good stiffness
good weather resistance

General Information			
Features	Good dimensional stability Rigid, good Updatable resources Good strength Good weather resistance		
Uses	Handle Optical applications Container		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.21	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.20 - 0.60	%	ASTM D955
Water Absorption (24 hr)	1.6	%	ASTM D570
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength			ASTM D638
Yield	31.7	MPa	ASTM D638
Fracture	39.3	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus	1240	MPa	ASTM D790
Flexural Strength	41.4	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact	250	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	77.8	°C	ASTM D648
Vicat Softening Temperature	102	°C	ASTM D1525

Injection	Nominal Value	Unit
Processing (Melt) Temp	238	°C
Mold Temperature	66	°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