

Generic CA

Cellulose Acetate

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic CA
This information is provided for comparative purposes only.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26 - 1.32	g/cm ³	ASTM D792
Water Absorption (23°C, 24 hr)	2.3 - 2.5	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (23°C)	40 - 100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, 23°C	23.4 - 38.0	MPa	ASTM D638
Fracture, 23°C	28.6 - 46.9	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	25 - 55	%	ASTM D638
Flexural Modulus (23°C)	758 - 1950	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	24.1 - 71.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130 - 330	J/m	ASTM D256
Optical	Nominal Value	Unit	Test Method
Haze	2.9 - 8.5	%	ASTM D1003
Injection	Nominal Value	Unit	
Drying Temperature	65.3 - 71.1	°C	
Drying Time	2.0 - 3.0	hr	
Rear Temperature	176 - 224	°C	
Middle Temperature	177 - 224	°C	
Front Temperature	177 - 238	°C	
Nozzle Temperature	188 - 216	°C	
Mold Temperature	48.9 - 60.0	°C	
Injection Pressure	7.07 - 14.5	MPa	
Back Pressure	0.172 - 0.224	MPa	
Vent Depth	0.064 - 0.41	mm	
Injection instructions			

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