

ChronoFlex® AL 80A

Polyurethane
CardioTech International, Inc.

Message:

ChronoFlex® AL 80A is a Polyurethane material. It is available in North America for extrusion.
Important attributes of ChronoFlex® AL 80A are:
Good Aesthetics
Wear Resistant
Typical application of ChronoFlex® AL 80A: Medical/Healthcare

General Information			
Features	Dispersible		
	Durable		
	Good Surface Finish		
	Medium Gloss		
Uses	Medical/Healthcare Applications		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	80		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	4.48	MPa	
300% Strain	4.14	MPa	
Tensile Strength (Yield)	37.9	MPa	ASTM D412
Tensile Elongation (Yield)	590	%	ASTM D412
Extrusion	Nominal Value	Unit	
Drying Time	3.0 to 4.0	hr	
Cylinder Zone 1 Temp.	191	°C	
Cylinder Zone 2 Temp.	196	°C	
Cylinder Zone 3 Temp.	202	°C	
Melt Temperature	210	°C	
Die Temperature	204	°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

