

ChronoFlex® AL 55D

Polyurethane
CardioTech International, Inc.

Message:

ChronoFlex® AL 55D is a Polyurethane material. It is available in North America for extrusion.
Important attributes of ChronoFlex® AL 55D are:
Good Aesthetics
Wear Resistant
Typical application of ChronoFlex® AL 55D: 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 D)	55		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	20.0	MPa	ASTM D412
Tensile Strength (Yield)	57.9	MPa	ASTM D412
Tensile Elongation (Yield)	330	%	ASTM D412
Extrusion	Nominal Value	Unit	
Drying Time	3.0 to 4.0	hr	
Cylinder Zone 1 Temp.	199	°C	
Cylinder Zone 2 Temp.	210	°C	
Cylinder Zone 3 Temp.	213	°C	
Melt Temperature	221	°C	
Die Temperature	213	°C	

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Recommended distributors for this material

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