

HydroThane™ 85A

Polyurethane

CardioTech International, Inc.

Message:

HydroThane™ 85A is a Polyurethane material. It is available in North America for extrusion or injection molding.

Important attributes of HydroThane™ 85A are:

High Strength

Lubricated

General Information	
Additive	Lubricant
Features	High Elongation
	High Tensile Strength
	Lubricated
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Hardness	Nominal Value	Test Method	
Durometer Hardness (Shore A)	85	ASTM D2240	
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	38.6	MPa	ASTM D412
Tensile Elongation (Yield)	500	%	ASTM D412
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	76.7	°C	
Cylinder Zone 2 Temp.	85.0	°C	
Cylinder Zone 3 Temp.	87.8	°C	
Melt Temperature	79.4	°C	
Die Temperature	79.4	°C	

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Recommended distributors for this material

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