

ChronoPrene™ 40A

Thermoplastic Elastomer

CardioTech International, Inc.

Message:

ChronoPrene™ 40A is a Thermoplastic Elastomer (TPE) material. It is available in North America for extrusion or injection molding.

Important attributes of ChronoPrene™ 40A are:

Chemical Resistant

Food Contact Acceptable

Good Aesthetics

Good Processability

High Flow

Typical application of ChronoPrene™ 40A: Food Contact Applications

General Information	
Additive	Plasticizer
Features	Food Contact Acceptable
	Good Chemical Resistance
	Good Moldability
	Good Surface Finish
	High Elasticity
	High Flow
Agency Ratings	FDA Unspecified Rating
Appearance	Translucent
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	40		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	4.83	MPa	ASTM D412
Tensile Elongation (Yield)	500	%	ASTM D412

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