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## TECHNICAL DATA SHEET 691

# GemCut™ Paraffin

Please refer to the MSDS for chemical and safety information.

### INTRODUCTION

GemCut Paraffin, which melts at a range from 56-58°C, is a new high polymer paraffin formulation for routine embedding and cutting. This paraffin is specially formulated to exhibit superior cutting performance in high humidity environments, with low compression. The paraffin is available in multiple colors to assist the histologic technician in visualizing small biopsies. The polymer content does not interfere with the removal of the paraffin by clearing agents or with staining protocols.

### TISSUE PROCESSING AND INFILTRATION

Designed as an embedding paraffin, GemCut Paraffin has been tested on tissue processors and yields excellent results. Routine protocols already established in individual laboratories should need no disruption or change.

### EMBEDDING

GemCut paraffin has been specially designed for use in tissue embedding centers. Melting temperatures from 56°C to 58°C will safely handle all tissue embedding needs. Little to no agitation is necessary after filling the paraffin bath.

### DEPARAFFINIZE:

Deparaffinize slides as routinely performed and tested in each histology laboratory. Good results have been obtained with ParaClear Odorless Xylene Substitute (Cat. # 22463-1) as well as with Xylene (Cat. # 08389-1).

### STAINING PROCEDURE:

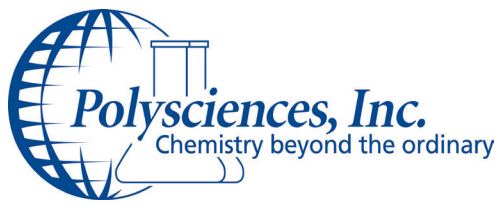
Slides stained after cutting in GemCut Paraffin show no interference with routine H & E, special stains or immunohistochemistry (IHC).

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Order online anytime at [www.polysciences.com](http://www.polysciences.com)



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### ORDERING INFORMATION:

Cat. #	Description	Size
24361-1	GemCut Pink Sapphire Paraffin	1 case (4 X 2kg)
24363-1	GemCut Citrine Paraffin	1 case (4 X 2kg)
24364-1	GemCut Emerald Paraffin 1 case (4 X 2kg)	
24365-1	GemCut Opal Paraffin 1 case (4 X 2kg)	
<b>Other Products:</b>		
08379	10% Neutral Buffered Formalin	3.75L & 20L
09860	Reagent Alcohol (100%), histology grade	1 gallon
22463	ParaClear Odorless Xylene Substitute	3.8L, 4 x 3.8 liters
08389	Xylene, Histology Grade	1 gallon
24242	Gill's Modified Hematoxylin #1 for Cytology	500mL, 1000mL
24243	Gill's Modified Hematoxylin #2 for Histology & Cytology	500mL & 1000mL
24244	Gill's Modified Hematoxylin #3 for Histology	500mL & 1000mL
24245	Harris Hematoxylin Mercury Free, Acidified	500mL & 1000mL
09859	Eosin Y, 0.5% Alcoholic/Acidified	500mL, 1000mL, & 3.75L
17269	Eosin Y, 1.0% Alcoholic/Non-Acidified	500mL, 1000mL
08381	Poly-Mount® Coverslipping Media (Permanent Mounting)	120mL & 940mL
18606	Aqua-Poly/Mount Coverslipping Media (Non-permanent) For mounting from aqueous solution or fluorescent materials (Non-fading, aqueous)	20mL, 500mL & 5x20 ml
22247	Poly-L-Lysine Coated Slides (Yellow Label Area)	1 box (72 slides), 1 case (20 boxes)
24216	Tissue Tack Silane Charged Slides	1 box (72 slides), 1 case (20 boxes)
24108	Tissue Marking Dye Kit, contains one 2 ounces bottle of each dye (red, green, blue, yellow and black) in a convenient wooden holder with applicators sticks Also available in single 2oz & 8oz sizes.	1 Kit
18646A	Peel-A-Way® Disposable Embedding Molds, Square S22 22mm x 22mm square x 20mm deep	288 per case
18646B	Peel-A-Way® Disposable Embedding Molds, Rectangular R30 22mm wide x 30mm long x 20mm deep	288 per case
18646C	Peel-A-Way® Disposable Embedding Molds, Rectangular R40 22mm wide x 40mm long x 20mm deep	288 per case
18985	Peel-A-Way® Disposable Embedding Molds, Truncated T-8 22mm x 22mm square truncated to 8mm x 8mm square, 20mm deep	288 per case
18986	Peel-A-Way® Disposable Embedding Molds, Truncated T-12 22mm x 22mm square truncated to 12mm x 12mm square, 20mm deep	288 per case
18646D	Peel-A-Way® Mold Sampler Package (contains all sizes mentioned above)	1 pkg