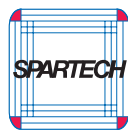


POLYDOR[®] TOUGH

Polydor has proven superior to any and all medical grade PMMA materials for custom orthotics and orthopedic applications

Polydor is highly durable and form-retaining with twice the impact resistance of Rohadur[®]



Spartech Polycast

Cell Cast Acrylic

Raw materials replacement warranty:
Polydor comes with a lifetime raw materials warranty against breakage.

Rohadur is a registered trademark of ROHM GmbH

Made in the
USA

Our Company

Spartech Polycast has been manufacturing cost acrylic sheet for over 30 years and is presently the principle supplier of acrylic sheet meeting U.S. Military Material Specification MIL-P-5425 and MIL-P-8184 to the United States aerospace industry. Spartech Polycast (Glasflex as it was previously known) has been the premier manufacturer of PMMA/IOL materials for over ten years and PMMA grade PMMA materials, we customize our products to meet your specifications. The Spartech Polycast R & D team will interface with your technical staff to meet your most demanding needs.

Polydor is a thermoplastic material designed for use in orthotics and orthopedic appliances where resistance to bending, durability and retention of form are desired.

Polydor has been designed to give the podiatrist or orthopedist a material with high resiliency and resistance to creep and deformation. Polydor has been shown to maintain these properties up to 100F at 100% humidity. Polydor is skin compatible and contains no known or suspected carcinogens.

Typical Properties

PROPERTY	TEST METHOD	TYPICAL VALUES
Tensile Strength	D-638	7,000 psi
Tensile Modulus	D-638	400,000 psi
Creep Modulus (70 F)	D-747	360,000 psi
Creep Modulus (104 F)	D-747	210,000 psi
Heat Deflection Temperature	D-648	98 C
Izod Impact	D-256	1.0 Ft.lb/in
Hardness (Rockwell M)	D-785	80

values based on 3mm thickness

Polydor is available in multiple sizes and thicknesses and is produced in a variety of colors. Polydor is manufactured in the U.S. by Spartech Polycast, a company specializing in the production of medical grade PMMA products for over 30 years.



Spartech Polycast
Cell Cast Acrylic

POLYDOR®

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For more information on Polydor and other products manufactured by Spartech, contact us by phone, e-mail or visit our website.

**Made in the
USA**