

From: [Ambrose, Ann-Marie L](#)
To: [EVOO \(NHTSA\)](#); [Robertson, Faithia \(NHTSA\)](#); [Lewis, Brenton](#)
Cc: [NHTSA ODI CED](#); [Strasser-King, Marion C](#)
Subject: ODI-11566588
Date: Thursday, January 25, 2024 12:23:06 PM
Attachments: [REDACTED]

CAUTION: This email originated from outside of the Department of Transportation (DOT). Do not click on links or open attachments unless you recognize the sender and know the content is safe.

From: [REDACTED]
Sent: Wednesday, January 24, 2024 8:14 AM
To: nhtsa.webmaster@dot.gov
Subject: [EXTERNAL] - complaint #11566588

CAUTION: This email originated from outside of the Department of Transportation (DOT). Do not click on links or open attachments unless you recognize the sender and know the content is safe.

At the time I filed the complaint I had no pictures

Sent from [Mail](#) for Windows

Thank you

Ann-Marie Ambrose
Quality Control Specialist
ASRC Federal Holding Company
aambrose@asrcfederal.com
7000 Muirkirk Meadows Drive, Beltsville, MD 20705
asrcfederal.com | Purpose Driven. Enduring Commitment.

The preceding message (including attachments) is covered by the Electronic Communication Privacy Act, 18 U.S.C. sections 2510-2512, is intended only for the person or entity to which it is addressed, and may contain information that is confidential, protected by attorney-client or other privilege, or otherwise protected from disclosure by law. If you are not the intended recipient, you are hereby notified that any retention, dissemination, distribution, or copying of this communication is strictly prohibited. Please reply to the sender that you have received the message in error and destroy the original message and all copies.



what is MPA versus PSI



People also ask

What pressure is 1 MPa?



MegaPascal (abbrev. MPa) - A basic unit of pressure or tension measurement in the International System of Weights and Measures. 1 MPa = **145 psi**, 1 MPa = 1 N/mm².

[Conversions - Goodyear Rubber Products](#)[MORE RESULTS](#)

How many psi is a bar in MPa?



This question comes up quite a lot, and fortunately, it is actually pretty easy. **1 Bar refers to 1 atmosphere of pressure. This is equivalent to 14.5 psi**, or . 1 Mega Pascal, or Mpa.

[FAQ: How do I convert PSI to Bar to MPa? - Flatirons Rally](#)[MORE RESULTS](#)

What is a MPa equivalent to?



What is the difference between psi and MPa in concrete?



Discover



Search



Saved



All

Images

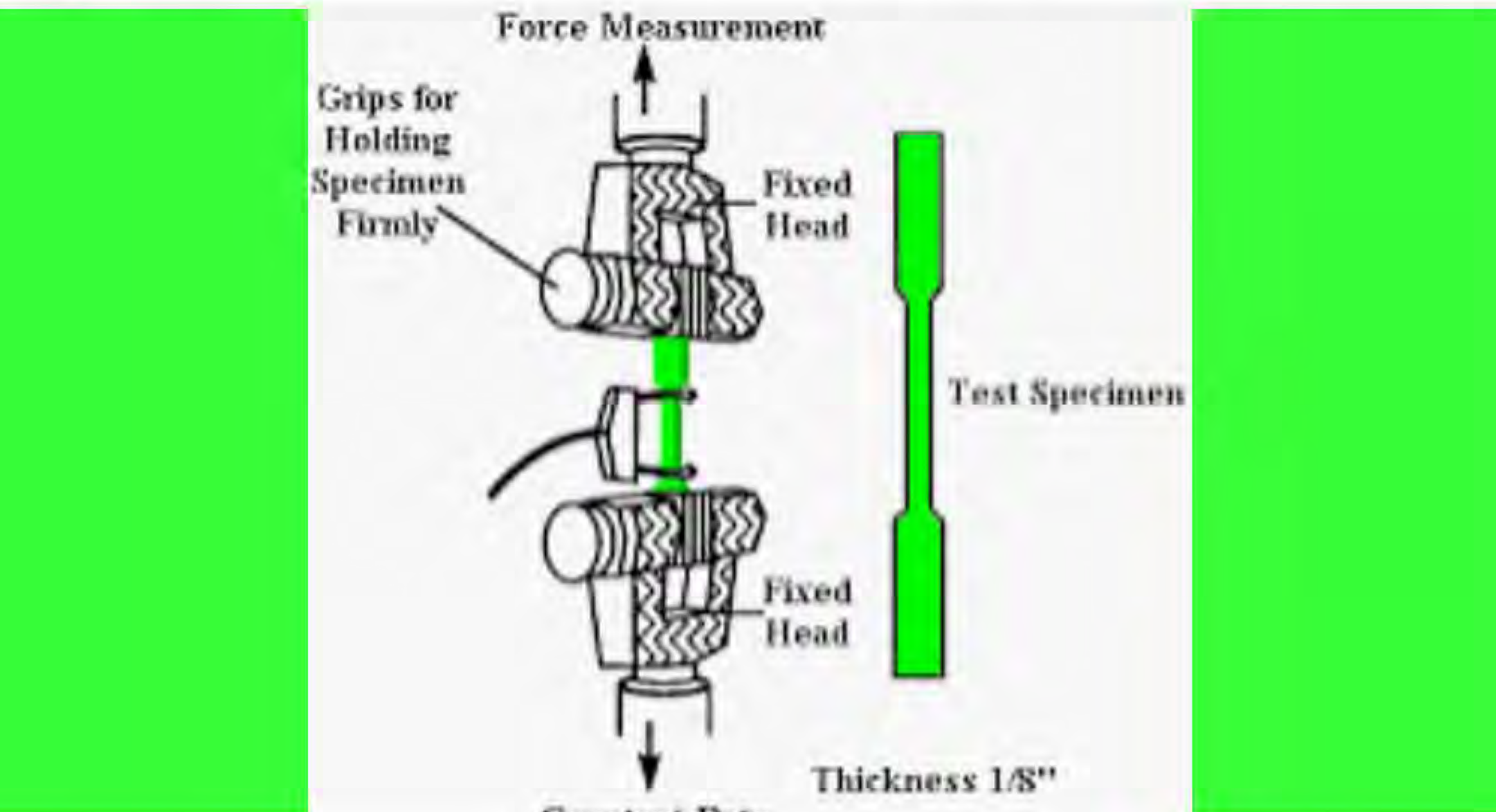
Videos

Shopping

News

Books

More



Typical Tensile Strength, Elongation, and Tensile Modulus of Polymers

Polymer Type	Ultimate Tensile Strength (MPa)	Tensile Modulus (GPa)
Polyamide-Imide	110	4.5
Polycarbonate	70	2.6
Polyethylene, HDPE	15	0.8
Polyethylene Terephthalate (PET)	55	2.7

10 more rows

Tensile Property Testing of Plastic

and processing methods. The compressive moduli are often higher than tensile moduli for metals.

The table below lists average tensile strength, elongation at break, and tensile moduli values for some filled polymers.

Typical Tensile Strength, Elongation, and Tensile Modulus of Polymers

Polymer Type	Ultimate Tensile Strength (MPa)	Elongation (%)	Tensile Modulus (GPa)
BS	40	30	2.3
BS + 30% Glass Fiber	60	2	9
Acetal Copolymer	60	45	2.7
Acetal Copolymer + 30% Glass Fiber	110	3	9.5
Acrylic	70	5	3.2
Nylon 6	70	90	1.8
Polyamide-Imide	110	6	4.5
Polycarbonate	70	100	2.6
Polyethylene, HDPE	15	500	0.8
Polyethylene Terephthalate (PET)	55	125	2.7
Polyimide	85	7	2.5
Polyimide + Glass Fiber	150	2	12
Polypropylene	40	100	1.9
Polystyrene	40	7	3

[Subscribe to Premium Services](#)

Searches: [Advanced](#) • [Composition](#) • [Property](#) • [Material Type](#) • [Manufacturers](#)

Other Links: [Advertising](#) • [Submit Data](#) • [Database Licensing](#) • [Web Design](#) • [Supplier List](#) • [Unit Converter](#) • [Reference](#) • [Links](#) • [Help](#) • [Contact Us](#)

[Follow @MatWeb](#)

Please read our [License Agreement](#) regarding our [Privacy Policy](#). Questions or comments about MatWeb? [Contact Us](#)

We appreciate your feedback.

The contents of this web site, the MatWeb logo, and all other trademarks are © 1996-2024 by MatWeb, LLC. MatWeb is intended for informational use only. The contents, results, and technical data from this web site are reproduced either electronically, photographically, or in any other manner without the written permission of MatWeb, LLC.



Google

m



what type of plastic is used i...



All

Images

Videos

Shopping

News

Books

Polypropylene.

Polypropylene is used the most frequently of any plastic in automotive manufacturing. Being a thermoplastic polymer, it can easily be formed into almost any shape. It has excellent chemical and heat resistance and is generally resistant to impact.



Car Plastic — 4 Varieties Used In The Automotive Industry



About featured snippets



Feedback

People also ask

What type of plastic is used in car interiors?



What kind of plastic is dashboard?



What is car interior made out of?



What type of plastic is used in car door panels?



Discover



Search



Saved