

High Performance Polymers Films and Sheets

HDT 270°C (518°F)

Dexnyl® PI-s SF

- Thermosetting Polyimide
- Operating temperature from -269°C to 410°C (-453°F to 770°F)

HDT 260°C (500°F)

Dexnyl® PAI SF

- Polyamideimide
- Operating temperature from Cryogenic to 260°C (500°F)



Thermosetting

Tg 300°C (572°F)

Dexnyl® PBI SF

- Polybenzimidazole
- Short term up to 435°C (815°F)

Tg 240°C (464°F)

Dexnyl® TPI SF

- Thermoplastic Polyimide
- Tg of 245°C (473°F)

Tg 220°C (428°F)

Dexnyl® PEEK SF

- Polyetheretherketone
- Operating temperature from -196°C to 260°C (-321°F to 500°F)

Tg 170°C (338°F)

Dexnyl® PEI SF

- Polyetherimide
- Tg of 215°C (419°F)

Thermoplastic

Continuous Operating Temperature



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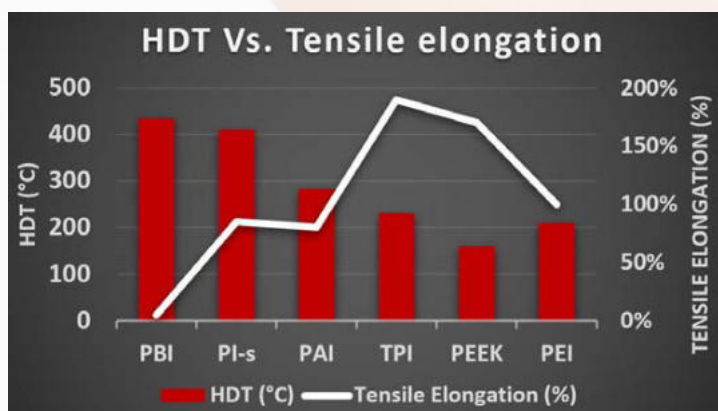
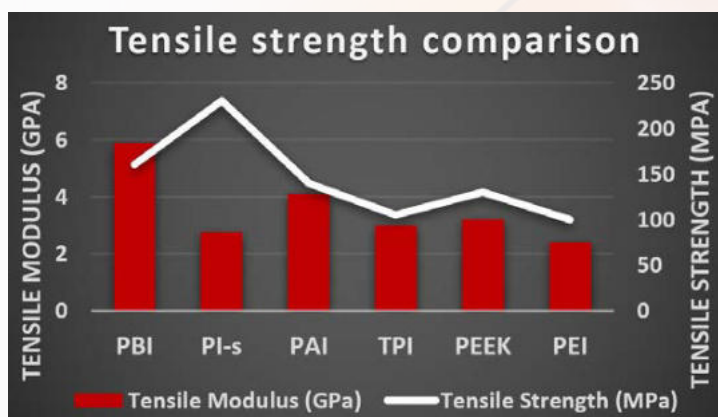
Films from 6µm up to 2000µm
(0.3 mil up to 78 mil)

Widths up to 1500 mm (59")
Cut to size

Sheets starting from 1mm thickness
(39.4 mil)

Available as natural grade, colored and reinforced with carbon fibers, CNT filler, glass fibers, talcum filler, PTFE (10-30%), friction grade (10-10-10), ESD

Portfolio contains: Meldin®, Vespel®, Celazole®, Aurum™ and other materials



Applications
Electrical & Thermal Insulation
Coating
Gasket/Seal/Washer
Composite/Laminate
Speaker Diaphragm
IC/FPC/FCCL
3D Print Surface
Adhesive/Tape
Laser Marking
Thermoforming
Distance Holder
Filtration Layers
Sensor & Antenna Substrates

