

High Performance Polymers Films and Sheets

High Performance

(518°F) **270°C**

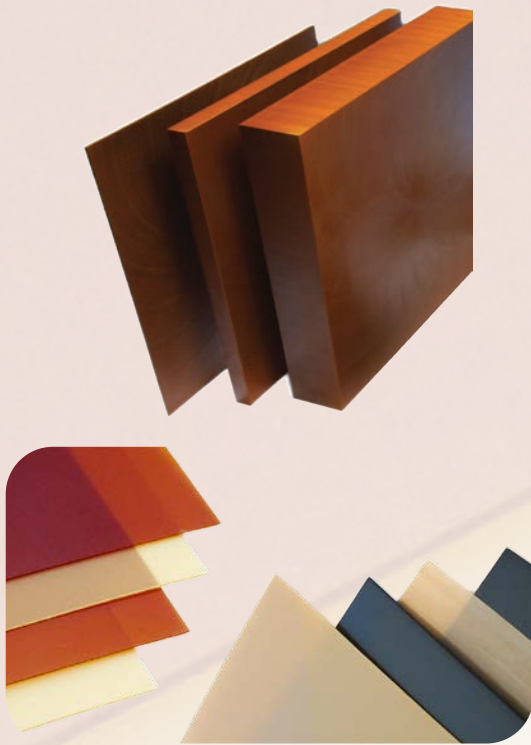
Dexnyl® PI-s SF

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

(500°F) **260°C**

Dexnyl® PAI SF

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



Thermosetting

300°C (572°F)

Dexnyl® PBI SF

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

240°C (464°F)

Dexnyl® TPI SF

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

220°C (428°F)

Dexnyl® PEEK SF

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

170°C (338°F)

Dexnyl® PEI SF

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

Continuous Operating Temperature

Thermoplastic

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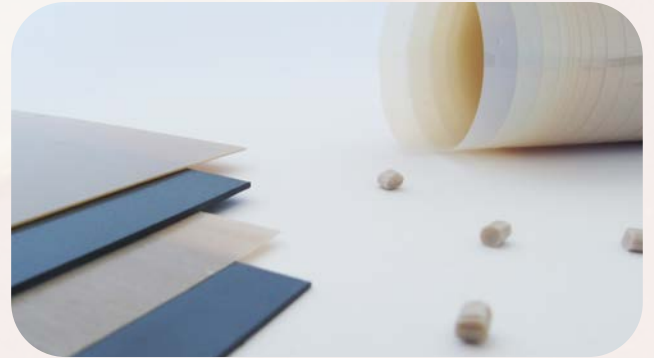
Films from 6µm up to 2000µm
(0.3 mil up to 78 mil)

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

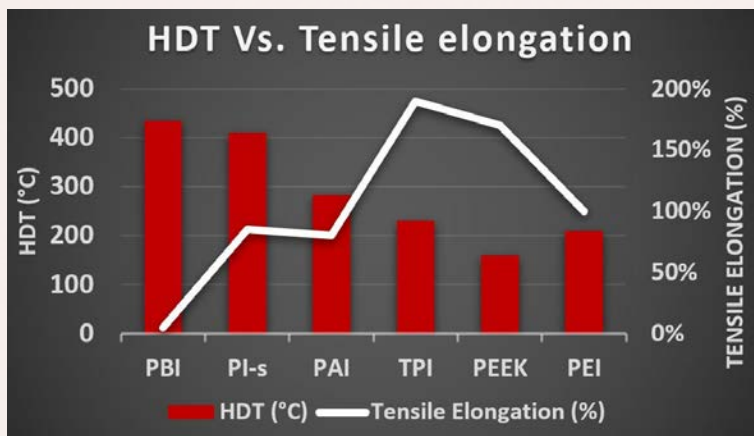
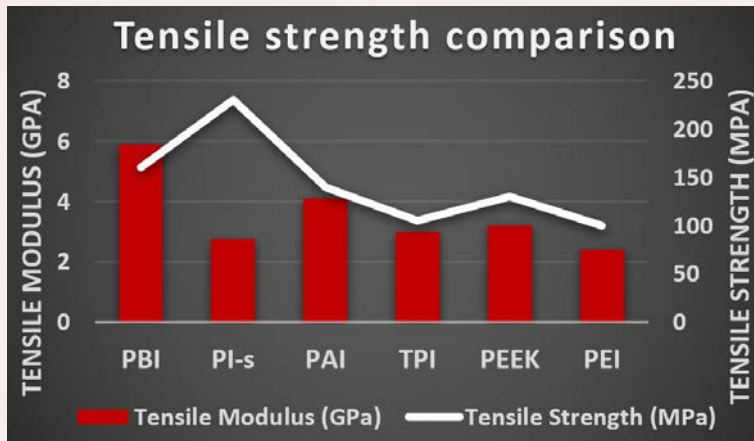
Sheets starting from 1mm thickness
(39.4 mil)

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

Meldin®, Vespel®, Plavis®, Celazole®, Aurum™ and other materials



High Performance



Applications
Electrical Insulation
Coating
Gasket/seal/washer
Composite/laminate
Speaker diaphragm
IC/FPC/FCCL
3D print surface
Adhesive/tape
Laser marking
Thermoforming

