

# 見苦しいシート表面へのキズつきを防ぎます

Lexan\* Margard\*シートには独自のハードコーティングが施されており、摩擦によるキズつきを高いレベルで防ぎます。シート表面への接触が多い用途に適した材料です。

## 高い耐摩耗性

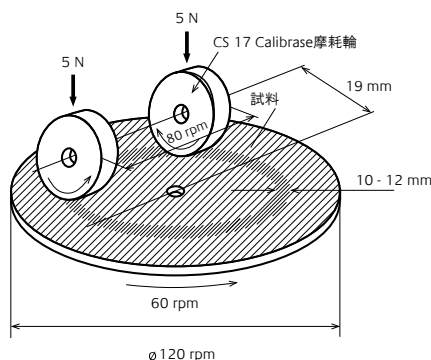
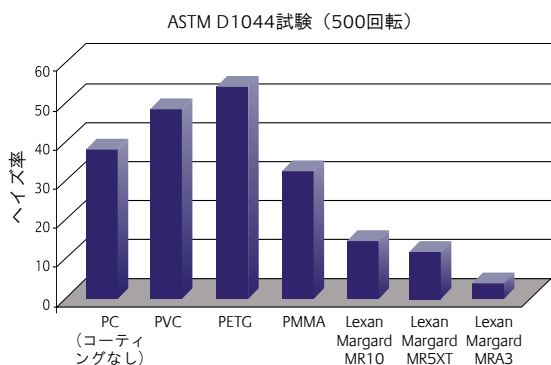
テーバー摩耗試験 (ASTM-1044 / ISO 3575) は、耐摩耗性を検査するための試験です。この試験は、荷重 (通常500グラム) をかけた金属輪を試料面上で所定の回数回転させておこないます。

回転数は、一般的には100回転または500回転です。試験後、ヘイズ率をパーセントで算出します。ヘイズ率には、試料の光透過性の低減度合いが直接反映されます。テーバー試験は、「摩耗の激しい環境」における素材の耐擦傷性能を予測するための優れた試験です。ヘイズ値が高いほど、耐摩耗性は低くなります。



素材	ヘイズ (100回転)	ヘイズ (500回転)
ガラス	2%	2%
Lexan Margard MRA3シート	3%	4%
Lexan Margard MR5Eシート	3%	9%
Lexan Margard FMR5 XTシート	9%	25%
Lexan 9030/Exell Dシート	25%	35%
アクリル	25%	35%
PVC	30%	36%

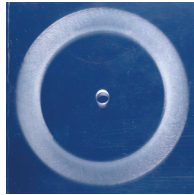
## テーバー摩耗試験



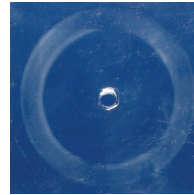
# Lexan\* Margard\* sheet scratch resistance



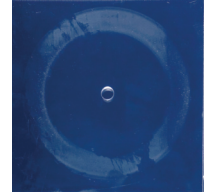
## Samples after 500 rotations



Lexan 9030 sheet

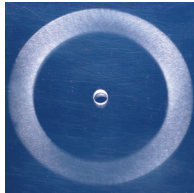


Glass

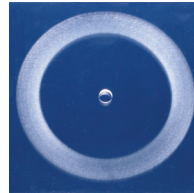


Lexan Margard MR5E sheet

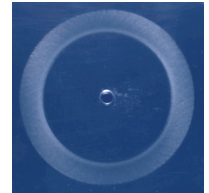
## Samples after 100 rotations



Lexan 9030 sheet



Acrylic



Lexan Margard FMR5XT sheet

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