

Innovative solution that offers improved performance of carpet tiles

Vistamaxx™ performance polymers provide carpet tile manufacturers with new backing material possibilities that offers improved performance and potential opportunities for cost reductions.

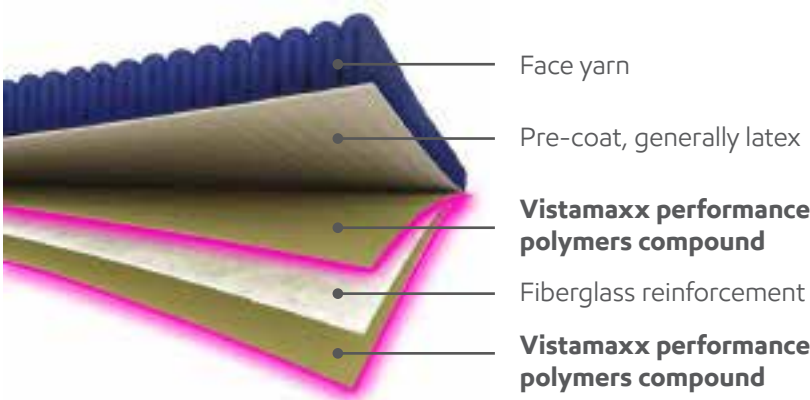


Vistamaxx polymers are a proven solution for carpet tile backing. Vistamaxx used in carpet tile backing formulations can contribute to achieving sustainability advantages, such as backing recyclability* and the potential for VOC emission reduction over alternatives.

Tiles that incorporate Vistamaxx can potentially satisfy sustainability certification requirements for flooring.

Cost effective solutions are possible with high filler loaded formulations, while still retaining or even improving carpet tile backing performance.

Carpet tile construction



*Recyclable in communities with programs and facilities in place that collect and recycle polyolefin-based flooring

Key performance properties and potential benefits



High filler acceptance for formulation cost optimization



Compatibility with wide range of polyolefins and tunable formulation to help meet performance requirements



Excellent extrusion processability for optimized production rate



Enhanced flexibility for less doming and curling



Scrap produced during the production of carpet tiles as well as end of life carpet tiles can potentially be recycled*

Filler loading opportunities of up to

75%

while still retaining flexibility

Typical physical properties of Vistamaxx grades used in flooring applications

Typical values					
Grade	Density ExxonMobil method g/cm³	Melt Flow Rate 230°C/2.16 kg ExxonMobil method g/10 min	Durometer hardness ExxonMobil method Shore A/C/D	Flexural modulus 1% secant ExxonMobil method MPa (psi)	Tensile strength at break ExxonMobil method MPa (psi)
6202	0.862	20	64A	12.8 (1860)	>5.5 (>800)
6502	0.865	45	71A	20.4 (2960)	>7.6 (>1100)
6902	0.869	100	76A	37 (5300)	>8.0 (>1100)
8880	0.879	See note*	53C	--	6.2 (900)

Typical properties are not to be intended as specification.
* Viscosity = 1200 cP @ 190°C (based on ExxonMobil test method)



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