

Performance of Fibers in Carpet

	Nylon BCF	Nylon Staple	Olefin* BCF	Polyester Staple	Acrylic Staple	Wool	Triexta (PTT)
Colors Available	Excellent	Excellent	Limited	Excellent	Fair	Fair	Excellent
Abrasion Resistance	Excellent	Excellent	Excellent	Excellent	Good	Good	Excellent
Resilience	Excellent	Excellent	Poor	Fair	Fair	Excellent	Excellent
Soil Hiding	Very Good	Very Good	Fair**	Good	Good	Very Good	Very Good
Cleaning	Very Good	Very Good	Very Good	Good	Good	Very Good	Very Good
Spot Removal	Good***	Good***	Excellent	Very Good	Good	Very Good	Very Good
Pilling****	Excellent	Fair	Excellent	Fair	Good	Good	Excellent
Shedding	Excellent	Fair	Excellent	Fair	Fair	Fair	Excellent
Flame-resistance	Very Good	Very Good	Very Good	Very Good	Good	Very Good	Very Good
Resistance to Household Chemicals	Very Good	Very Good	Excellent	Very Good	Good	Good	Very Good
Static Electricity	Poor	Poor	Good	Very Good	Good	Poor	Very Good

* Olefin and polypropylene are the same fiber

** Polypropylene is a solution dyed fiber and all solution dyed fibers initially soil more until the process finish has been removed either by the manufacturer or by two or three cleanings in the home.

*** The spot removal of nylon can be improved by the application of a stain resist chemical such as 3M Scotchgard™ Stain Release, Stainmaster™, Monsanto Wear-Dated, etc.

**** Pilling occurs in loop pile carpet and is the small balls of fiber that appear on the surface of carpet and do not brush off easily.