

Technical Services

Yarn Denier

With the advent of softer yarns in residential carpeting the terms denier and DPF (denier per filament) are being heard more in the marketplace. Denier is a direct numbering system for yarn that is equal to weight in grams of 9,000 meters of yarn. The CRI states that the larger the numeric denier, the thicker the yarn will be. DPF (denier per filament) represents the size of an individual filament that makes up yarn. The lower the DPF the softer the fiber will be.

DPF for residential carpets in the past has ranged from 10 - 19 and commercial between 17 - 22. As the demand for softer residential carpets becomes en-vogue the DPF range in the residential market has dropped creating soft, luxurious carpets. Today the DPF for residential carpets can be as low a 4 dpf as represented in Beaulieu's Indulgence Solution Dyed Nylons.

With future advancements in the manufacturing processes it is exciting to look forward and imagine what we will see next.

More information can be found in the CRI Carpet Primer at www.carpet-rug.org.

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