

Technical Data Sheet

TufCOR[®] C-845 Emulsions (75-558A)



Description:

- A vinyl acetate ethylene (VAE) copolymer emulsion designed for use as a binder system for residential and commercial carpets. The binder has excellent compatibility with styrene butadiene emulsions so it can be used in the same mixing equipment and transfer lines without compatibility issues.
- Designed to compound, pump, process and froth such that it is very similar to currently used carpet binder systems.
- Can be compounded at high filler load (500+ phr loading) and still provide good tuft bind and delam properties for cut pile residential grades where the skip coat or adhesive layer is formulated with a styrene butadiene emulsion.
- This can also be used in commercial carpet application but lower filler loadings are recommended, in the range of 200-450 phr, depending on the style and carpet specifications.

Typical Properties

Solids	55%
pH	6.5
Viscosity	125 cps
Particle size	280 nm
Density	8.9 lbs / gal
Onset Tg	+9°C
Compatibility with SBR	Excellent

Storage & Handling:

- Shelf life is approximately six months at 77° F.
- Consult MSDS for important health, safety and handling information before using this product.
- Consult Celanese's *Storing, Handling and Preserving Emulsion Products* brochure.



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