

Technical Data Sheet

Liquid Resins and Carpet Additives

ACROMUL® 500 BC

Edition 01-2025

ACROMUL® 500 BC is a 50% solids content of Elastomeric Styrene Acrylic co-polymer dispersion APEO free, low VOC and free from plasticizers and solvents.

Stabilizer: Surfactants/**Compatibility with mineral charges:** Excellent/**Stability:** Excellent

1. SUPPLY SPECIFICATIONS

• Solid content	49.0 ± 1.0 %
• Brookfield viscosity @ 20 °C	50.0 : 500.0 mPa.s
• pH	8.5 ± 1.0

2. TYPICAL VALUES

• Minimum film-forming temperature	0 ± 1.0 °C
• Prevailing particle size range	0.1 Microns
• Dispersing system	Anionic - Non-ionic
• Density at 23 °C	1.025 : 1.040
• Mechanical stability	Excellent

APPLICATIONS

Soft and tough polymer for secondary backing of tufted carpet.

Excellent lay-flat characteristics.

Good filled film characteristics with excellent heat ageing propertyGood wet delamination strength.

Excellent filler acceptance and compound stability.

Low VOC and odour.

SPECIFIC PROPERTIES

ACROMUL® 500 BC is a 50% solids content of Elastomeric Styrene Acrylic co-polymer dispersion APEO free designed for soft secondary backings of tufted carpets, particularly for two coat processes. It can also be used for single coat processes giving soft handle. It is manufactured by employing state-of-the-art emulsion polymerization technology ensuring product consistency. ACROMUL® 500 BC has a good foam stability, which can be increased, if desired, by small additions of a surfactant.

PACKAGING

Acromul® 500 BC is available in bulk and in IBC's, 160kg, 150kg, 125 Kg or 50 Kg drums.

STORAGE

Acromul®500 BC is stable for at least 12 months when stored between +5°C and +40°C.

Egyptian British Company maintains Material Safety Data sheets (MSDS) on all of its products. These contain important information that you may need to protect your employees and customers against any known health and safety hazards associated with our products. We recommend you to obtain copies of MSDS for our products, from our technical representative, and obtain copies of MSDS from your suppliers of other raw materials used with our products.

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