

Phos-Chek LCE20W – Pretreatment

Phos-Chek LCE20W is a pretreatment formulation that uses ammonium phosphate salts as the fire-retardant active ingredient. LCE20W contains a thickener to provide a low viscosity product, this product category is qualified to be purchased and delivered premixed; the liquid concentrate is not evaluated for long-term stability.

Product Type: Low viscosity, gum-thickened, pretreatment, pre-mixed retardant.

Application: Ground-based fire apparatus.

Use level: These products are pre-mixed and delivered ready-to-use.

Yield: Not applicable.

Viscosity: 150 – 400 centipoise (cP)

Field measurement (Marsh Funnel): **A flow-through time of 29 – 37 seconds using the Low Viscosity Marsh Funnel with 3/16 inch tip indicates an acceptable viscosity.**

Salt content: Field measurement (refractometer): A reading of 10.7 indicates proper salt content. **A reading between 9.5 and 12.0 indicates an acceptable salt content.**

Specific weight: 8.80 lb/gal for mixed retardant; equivalent to a density of 1.055 g/mL. At 70°F, a **density between 1.050 and 1.060 indicates an acceptable salt content.** This is equivalent to **8.76 lb/gal – 8.85 lb/gal.**

The mixed product and liquid concentrate are non-storable.