



**LC799  
 Phenolic**

LC799 is a modified, latent curing phenolic resin that displays an outstanding combination of toughness and adhesive properties. It is primarily used in ballistic armor applications requiring conformance to MIL-L-52474 and MIL-H-44099. LC799 can be provided in pigmented form (olive drab, OG).

**Properties of LC799OG Neat Resin**

Solids %	24-26%
Viscosity	200-700 cps
Specific Gravity	0.95-1.07
Solvents	MEK, Toluene, Denatured Alcohol, Propylene Glycol, Mono Ethyl Ether
Typical Cure Schedule (Solvent Removed)	25-40 minutes 305°F to 335°F
Availability	1, 5, 55 Gal
Shelf Life (Solvated)	12 months at 40°F
Out Time (Solvent Removed)	4 weeks at 77°F

**Typical Properties of LC799 on Typical Aramid Fabrics**

Fabric Style	705	735	745
Fiber Type	KM2	K29	K29
Fabric OSY	6.8	13.8	13.6
Pick Count	31 x 31	35 x 35	17 x 17
Fabric Denier	850	1500	3000
Weave Type	Plain	2 x 2 Basket	Plain

Standard Dry Resin Content is 15-18%  
 Standard % Volatile Content is 1.5% Max  
 Other resin and volatile contents are available by request

NOTE: The data presented herein has been developed under controlled manufacturing and test conditions and is considered accurate. No warranty is expressed or implied regarding the accuracy or use of this data or the use of this product. It is the responsibility of the end user to determine suitability for use.