

Calcium Stearate

CALCIUM STEARATE LUBRICELL is a synthetic Calcium Stearate manufactured by a novel proprietary process developed by our R & D department having tremendous experience in precipitation and particle size/morphology control technology, and recognized by the Department of Scientific and Industrial Research, The output is a unique combination of fineness and thermal stability in the product and better dispersion in the base polymer. The product is technically far better than the currently available products, besides the assurance of consistent quality from an ISO 9001:2015 certified unit.

Property	Unit	DLI-Petro
Color & Appearance	-	White Free Flowing Powder
Bulk Density ^{1,3} - Loose	gm/cc	0.15
- Compact*		0.22
Moisture (105°C) ²	%	<3.0
Electrolytes	%	<0.4
Residue on 300 mesh ⁵	%	<0.2
Melting Point	°C	155-160
Melt Quality	-	Clear & Transparent
CaO	%	9-9.5
Ash content	%	9.2-9.8
Free Fatty	%	<0.5
pH ⁵	-	8.0-10.5

Application :

- As an acid scavenger in polymers processing
- As an internal lubricant in PVC and other polymers processing
- As a water repellant in paints and other coatings

