



LBmoll A

LBmoll A ; is a low-temperature-resistant plasticiser suitable for a large number of polymers such as polyvinyl chloride (PVC), acrylonitrile-butadiene rubber (NBR), styrenebutadiene rubber (SBR) and polyvinyl acetate (PVAC)

Here you can see the physical and chemical properties of **LBmoll A**

Density (20°C)	0,975 - 1,000	gr/cm ³
Refractive Index(20°C)	1,4700 - 1,4830	
Acidity	0,1 Max.	mgKOH/g
Viscosity (20°C)	16	mPa.s
Flash Point	> 210	°C
Ester Content	99,5	%
Water Content	0,05 Max.	%
Colour	20 Max.	Hazen

General properties:

LBmoll A is characterised by ;

- a very good plasticising effect when used in PVC, PVAC, NBR and other polymers
- low viscosity, which, in combination with its weak ability to solvate PVC, has a positive effect on the initial viscosity and storage stability of the plastisol
- good compatibility with PVB resins and other plasticisers used in the manufacture of PVB film
- limited compatibility with cellulose acetate butyrate (CAB) and propionate (CP)
- good compatibility with a large number of polymers such as polyvinyl chloride (PVC), polyvinyl acetate (PVAC), acrylonitrilebutadiene rubber (NBR), styrene-butadiene rubber (SBR), chloroprene rubber (CR), ethylene-vinyl acetate rubber (EVM) and ethylene-propylene copolymers (EPM). **LBmoll A** imparts
- very good low-temperature resistance to suitably plasticised compounds; this effect is clearly noticeable even when **LBmoll A** is used in combination with other plasticisers
- very good rebound resilience to PVC and PVC/NBR blends
- very good light stability to PVC compounds.

Applications:

LBmoll A is used as a plasticiser for a wide range of articles based on polyvinyl chloride (PVC), acrylonitrile-butadiene rubber (NBR), styrene-butadiene rubber (SBR), chloroprene rubber (CR), ethylene-vinyl acetate rubber (EVM) and ethylene-propylene copolymers (EPM). It is particularly beneficial to use **LBmoll A** when very good low-temperature resistance and light stability are required, together with high elasticity. Typical fields of application are:

- Coating (including spreading) Industrial protective clothing, gloves, (expanded) imitation leather, plasticised PVC foam, PVC wall coverings
- Calendering Film
- Extrusion Tubing, film for laminated safety glass, conveyor belts
- Injection moulding Boots and show soles
- Adhesives industry Adhesive dispersions and hot melt adhesives