

Lankroflex™ ED6

Epoxy Plasticiser

Lankroflex	ED6
Type	Epoxidised octyl stearate
Renewable Carbon Content %	69
Appearance	Clear Yellow liquid
% Oxirane oxygen value	4.9
Epoxy Equivalent Weight g/eq.	327
Iodine value cgI_2/g	4.9
Acid value mgKOH/g	0.9
Viscosity mPas at 20°C	3
S.G. at 20°C g/cm^3	0.91
RI at 20°C	1.455

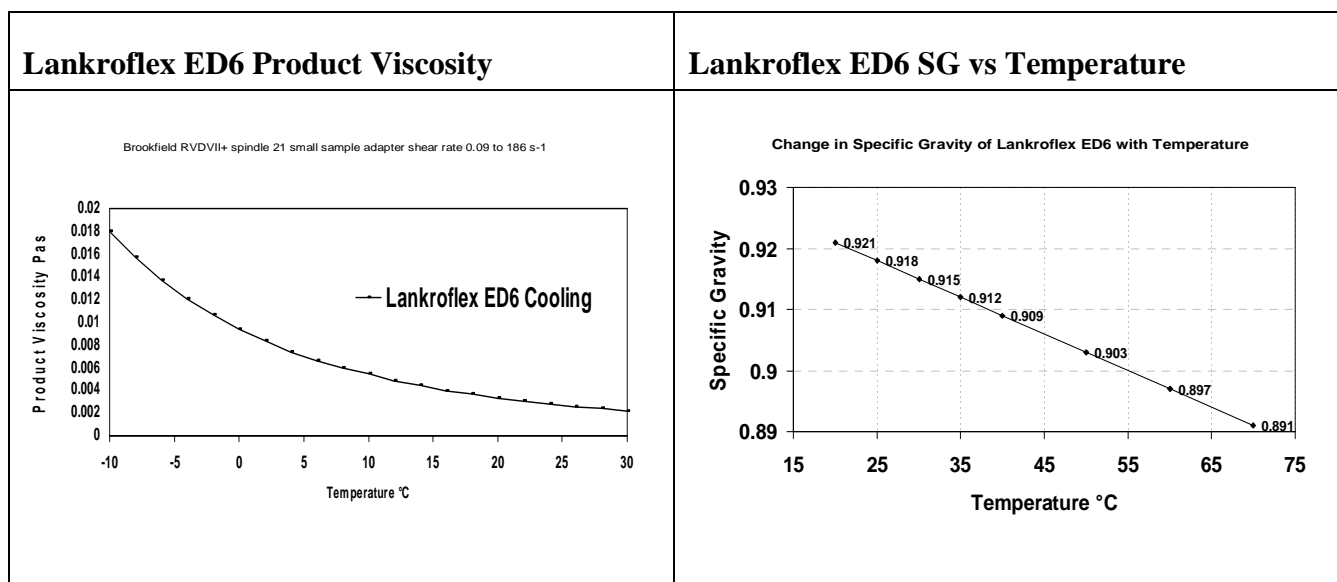
These are typical values.

Lankroflex

Lankroflex epoxy plasticizers are used to improve heat stability in the production of PVC articles by techniques such as extrusion, calendering, injection moulding, rotational moulding and spread coating. They are also used in rubbers, epoxy resins, paints and coatings.

Performance

Lankroflex ED6 is a low odour product with resistance to extraction by water, oils and solvents. It is the least effective co-stabiliser on the product range due to its lower oxirane value but is good at reducing viscosity in plastisols and remains liquid down to -20°C.



Heat Stability





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Test Formulation

SPVC	100
Plasticiser	45
Lankromark LZC803	2
Lankroflex ED6	5

Addition Level

0.5 to 8.0 phr.

Supplementary Information

For many applications, addition of a small amount of external lubricant such as stearic acid may sometimes be required to increase lubrication.

Packaging, Storage & Handling

Lankroflex ED6 is supplied in IBC's of approximate nett weight 1000 kg or drums of approximate nett weight 190kg. Storage at room temperature is recommended. Once opened, drums should be firmly closed after use. Full information on the safe handling of this product is available on the Health and Safety Data Sheet.

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