

# Lucofin€ 1400SL

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## Lucobit AG

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Lucofin€ 1400SL is a polar copolymer consisting of ethylene and butyl acrylate with low crystallinity. Due to its chemical structure Lucofin€ 1400SL is softer and more flexible than ethylene homopolymers with comparable density. Lucofin€ 1400SL is supplied as uncoloured granules. The product contains slip agent.

Lucofin€ 1400SL is used as component in multi-layer film constructions or as a polymer modifier to improve splitting resistance, environmental stress crack resistance ESCR, resistance to low temperatures, weldability, and processability.

Product advantages

flexibility

impact strength at low temperatures (- 40°C)

thermal stability of polymer (no corrosive by products)

good mechanical properties

high end use temperature

good compatibility and filler acceptance

good organoleptics

environmentally sound

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^ Ö " Ö	x ' Ø	Ü Ú Û	Ü Ý Í Ð	
Ð Ñ	0.924	g/cm,	ISO 1183	
à á â (à á â ä å ä å) (190°C/2.16 kg)	1.4	g/10 min	ISO 1133	
æ ß	x ' Ø	Ü Ú Û	Ü Ý Í Ð	
ç è æ ß (é è A)	90		ISO 868	
ê ë " Ö	x ' Ø	Ü Ú Û	Ü Ý Í Ð	
ì í î ï	62.0	MPa	ISO 527-2	
ì í -- (ð ñ)	4.00	MPa	ISO 527-2	
ì í - ò (ð ñ)	15	%	ISO 527-2	
² " Ö	x ' Ø	Ü Ú Û	Ü Ý Í Ð	
ó ô μ ö @ ß	70.0	•C	ISO 306/A50	
ö ÷ @ ß (DSC)	96.0	•C	ISO 3146	
ø ù < Ę	x ' Ø	Ü Ú Û	Ü Ý Í Ð	
Comonomer BA	16	%	DIN 51451	
Ó Ô	x ' Ø	Ü Ú Û	Ü Ý Í Ð	
Ž È (à á) @ ß	180 ú 250	•C		
î ú @ ß	10.0 ú 40.0	•C		
Ñ Ò	x ' Ø	Ü Ú Û	Ü Ý Í Ð	
à á @ ß	160 ú 230	•C		