

Innovative barrier against migration of mineral oil

avalesco™ is a 100% recyclable coating to prevent the migration of mineral oils (MOSH and MOAH). Based on starch, the coating is biodegradable, cost effective and further provides high retention against migration of grease and other undesired substances. The GEL technology developed by our scientists allows to produce flexible starch based films. This flexible coating prevents cracks and provides a very efficient barrier. For a coating of about 12-15 g/m², the following performance has been achieved:

Characteristics	Value	Unit	Test method
Tenax test	96-97	%	DIN EN 14338
Grease permeation	>10	-	Kit Test
Oxygen Barrier (OTR)	20'000-25'000	cc/m ² /day	DIN 53380
Recyclability	100	%	PTS-RH 021/97

Please do not hesitate to contact us for further details

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