

Mersalen® LDPE NCY 01

Type to use in extrusion applications



Acc. to ISO 14021:2016 (Type II environmental labelling) material provided by APK has the following environmental advantage:
 – Recycled Content is 100%
 [chap. 7.8.1.1, para a), cl. 1)]



Acc. to VerpackG:
 – A packaging, which is 100% made of Mersalen® LDPE NCY can be recycled in the established LDPE recycling processes [§6]

PROPERTIES	VALUE	UNIT	METHOD
Physical properties			
Density	0,92	[g/cm ³]	DIN EN ISO 1183-1
Rheological properties			
MFR (190°C 2,16kg)	0,7 ... 1,0	[g/10 min]	DIN EN ISO 1133-1
MFR (190°C 5,00kg)	4,5 ... 5,5	[g/10 min]	DIN EN ISO 1133-1
Mechanical properties			
E-modules	> 180	[MPa]	DIN EN ISO 527-1
Tensile strength	> 14	[MPa]	DIN EN ISO 527-1
Elongation at yield	> 200	[%]	DIN EN ISO 527-1
Notched impact strength (23°C)	partial break	[kJ/m ²]	DIN EN ISO 179/1eA
Notched impact strength (-30°C)	> 9,7	[kJ/m ²]	DIN EN ISO 179/1eA
Composition			
Ash content	< 0,4	[%]	DIN EN ISO 3451-1
Other			
Colour	translucent		Visual
Shape	lenses, cylinders		Visual

Values measured after storage for 24h at standardized climate

DISCLAIMER: Materials manufactured by APK are subject to continuous quality controls and are manufactured with utmost accuracy according to the present level of our technical knowledge. As the produced materials are recycling materials their properties can fluctuate by nature. Therefore the values in this data sheet are average values. It is the responsibility of the user of our materials to ensure by own tests and trials the properties required by his end product. Legally binding guarantees for archiving these required end product properties or the suitability for concrete applications cannot be deduced from the data provided by this sheet. Relevant proprietary rights and existing laws and regulations has always to be observed and adhered by the recipient / processor of our materials on his own responsibility. We reserve the right to modify the data sheet. In addition, apply our General Terms of Conditions of Sales.



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