

Data Sheet / Product Information

Mersalen[®] LDPE NCY 01

type to use in extrusion applications

	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		
mechanical properties			
E-modulus	> 180	[MPa]	DIN EN ISO 527-1
tensile strength	> 14		
elongation at yield	> 200	[%]	
notched impact strength (23°C)	partial break	[kJ/m ²]	DIN EN ISO 179/1eA
notched impact strength (-30°C)	> 9,7		
composition			
ash content	< 0,4	[%]	DIN EN ISO 3451-1
other			
colour	translucent		visual
shape	lenses, cylinders		

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