

Data Sheet / Product Information

Mersalen[®] LDPE RCY 05

type to use in extrusion or injection moulding applications

	value	unit	method
physical properties			
density	0,94	[g/cm ³]	DIN EN ISO 1183-1
rheological properties			
MFR (190°C 2,16kg)	0,6 – 0,8	[g/10 min]	DIN EN ISO 1133-1
mechanical properties (test specimens)			
E-modulus	> 350	[MPa]	DIN EN ISO 527-1
yield stress	>12	[MPa]	DIN EN ISO 527-1
tensile stress	>12	[MPa]	DIN EN ISO 527-1
breaking stress	>15	[MPa]	DIN EN ISO 527-1
elongation at yield	>350	[%]	DIN EN ISO 527-1
notched impact strength (23°C)	no break	[kJ/m ²]	DIN EN ISO 179/1eA
composition			
ash content	< 3,5	[%]	DIN EN ISO 3451-1
other			
colour	grey, green		visual
shape	lenses, cylinders		visual
filtration fineness	180	[µm]	visual

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