



## Newcycled® granulates Mersalen® and Mersamid® - the alternative to virgin plastics

Newcycled® granulates produced by the APK Newcycling® technology show properties close to virgin plastics and therefore can be used in high-quality flexible packaging as well as in demanding technical applications.



Parameter	Mersalen® LDPE NCY 01	Mersalen® LDPE NCY 02	Mersamid® PA6 NCY 01	Unit	Method
Density	0,92	0,92	1,13	[g/cm <sup>3</sup> ]	DIN EN ISO 1183-1
MFI	0,7 - 1,0 190 2,16	1,8 - 2,3 190 2,16	1,9 - 2,3 235 2,16	[g/10 min]	DIN EN ISO 1133-1
Tensile modulus	> 180	> 200	> 2700	[MPa]	DIN EN ISO 527-1
Charpy impact notched (room temp.)	no break-through	no break-through	> 5	[KJ/m <sup>2</sup> ]	DIN EN ISO 179/1eA
Ash content	< 0,4	< 0,4	< 0,3	[%]	DIN EN ISO 3451-1
Color	transparent/ natural	transparent/ natural	colorless/ natural		visual
Shape	lenses, cylinders	lenses, cylinders	lenses, cylinders		visual
Applications	films, flexible packaging	films, flexible packaging	techn. injection molded parts, GF-compounds		



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