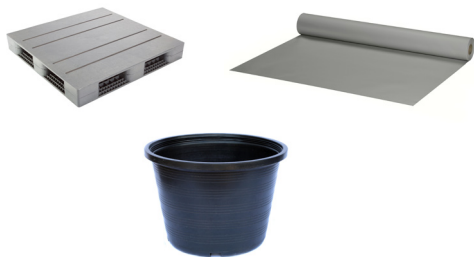


Mersalen®- high-quality plastic re-granulates generated by mechanical recycling processes

Our mechanical recycling plant manufactures high-quality re-granulates from mono-layer waste, coming from both post-consumer and post-industrial origin. These re-granulates can be used in a wide range of applications in the global plastics industry.



Parameter	Mersalen®				Unit	Method
	LDPE RCY 05	LDPE RCY 07	LDPE RCY 18	LDPE RCY 19		
Density	0,94	0,94	0,94	0,94	[g/cm ³]	DIN EN ISO 1183-1
MFI (190°C 2,16 kg)	0,6 - 0,8	0,6 - 0,8	0,6 - 0,8	0,6 - 0,8	[g/10 min]	DIN EN ISO 1133-1
Tensile modulus	> 350	> 300	> 300	> 300	[MPa]	DIN EN ISO 527-1
Charpy impact notched (room temp.)	no break-through	no break-through	no break-through	no break-through	[KJ/m ²]	DIN EN ISO 179/1eA
Ash content	< 3,5	< 3,5	< 3,5	< 3,5	[%]	DIN EN ISO 3451-1
Color	grey, green	black	grey, green	black		visual
Shape	lenses, cylinders	lenses, cylinders	lenses, cylinders	lenses, cylinders		visual
Filtration	180	180	130	130	[µm]	visual
Applications	buckets, sheets	buckets, sheets	construction film	construction film		



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