Recy Maalgoed dh

Product Description

Recy Maalgoed dh originates from 100% recycled Belgian household residual waste from the PMD bag and is not additivated.

Application

Recy Maalgoed dh is used for injection molding.

It is not intended for use in food contact, water contact, pharmaceutical and medical applications.

General	
Form	regrind
Size	< 15mm
Filtration	-
Color	Mixed colours
Packaging	Big Bags

Due to the nature of recyclates, some variation in product properties can be observed between batches.

Physical		**Nominal value**	**S.I. unit**	**Test Method**
Density		910	kg/m³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)		4,32	g/10 min	ISO 1133
Mechanical		**Nominal value**	**S.I. unit**	**Test Method**
Tensile Modulus		895 - 948	MPa	ISO 527-1
Tensile Strength				ISO 527-2
	Yield	19,5 – 21,6	MPa	
	Break	-	MPa	
Tensile Elongation				ISO 527-2
	Yield	7,5 – 9,3	%	
	Break	7,5 - 10		
Thermal		**Nominal value**	**S.I. unit**	**Test Method**
Coefficient of Thermal Expansion		127 - 133	µ/m°C	
Impact		**Nominal value**	**S.I. unit**	**Test Method**
Impact Strength (Charpy Test)				ISO 179
	23°C	7,3 – 7,7	kJ/m²	
	-15°C	-	kJ/m²	
Chemical		**Nominal value**	**S.I. unit**	**Test Method**
Polymer Composition				
	PE	25 - 75	%	
	PP	75 - 25	%	

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