

HDPE repro Pellets Type 10051-42 BP DTL
May 2021

Technical Data Sheet

HDPE-granules natural/white type 10051-42 DTL

Product Characteristics

HDPE- granules natural/white type 10051-42 DTL is a circular high-density polyethylene supplied in pellet form for extrusion and blow molding applications. The grade is made from homogeneous production waste.

Sustainability

HDPE-granules natural/white type 10051-42 DTL contains at least min. 96,5% HDPE and max. 3,5% Titandioxid and is recycled material.

Recommended Applications

HDPE-granules natural/white type 10051-42 DTL is a grade that can be used for extrusion and blow molding applications.

Mechanical Characteristics	Value	Unit	Method
Melt flow rate (190 °C/5,0 kg)	1.7-2.2	g/10min	EN ISO 1133-1
Melt flow rate (190 °C/2.16 kg)	0.4-0.6	g/10min	EN ISO 1133-1
Density	0.95	g/cm ³	ISO 1183-1
Color Recycled content	100	%	Natural/white
Tensile Modulus	1015	MPa	ISO 5272
Tensile strength	21,4	MPa	ISO 5272
Charpy, notched, 23° c	29,85	kJ/m ²	ISO179/1

Packaging	1,000	Kg	Big bag on Pallet
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