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TECHNICAL DATA SHEET

LOOPLIFE r-LLDPE

Polyolefins

R-LLDPE03A-BK / GRADE

REPROCESSED LLD POLYETHYLENE, Black / PRODUCT NAME

Description

r-LLDPE grades from LOOPLIFE POLYMERS are reprocessed from clean and homogeneous sources of linear low density polyethylene (LLDPE). Product is supplied in the form of pellets.

PHYSICO-CHEMICAL PROPERTIES

Chemical name	Linear Low Density Polyethylene							
Granulometry	pellets/g	15	-	40	Residual moisture	ppm	Max	1000
Density	g/cm ³	0,938			Ash content @450°C	%	1,6	
Melt index @190°C, 2,16kg	g/10 min	2,4	-	4,5	Melt index @230°C, 2,16kg	g/10 min		-
Melt index @190°C, 5kg	g/10 min		-		Melt index @230°C, 5kg	g/10 min		-

MECHANICAL PROPERTIES

Stress at yield	MPa	10,2	Tensile modulus	MPa	204
Stress at break	MPa	no break	IZOD	kJ/m ²	No break
Flex modulus	MPa	212	Strain at Yield	%	50,8
Tensile strength	MPa	>14,7	Strain at Break	%	no break

SENSORY CHARACTERISTICS

Clarity	Opaque
Shape	Lenticular to cylindrical
Color	Black

PURITY

Other fraction	Possible traces of polyester or polypropylene
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REGISTRATION

CAS nummer	9002-88-4
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PACKAGING

Standard: Big Bag (1200kg Net Weight)

PROCESSING INFORMATION

TRANSPORT STORAGE CONDITIONS

Keep in a dry, well ventilated place. Do not store with oxidizing and self-igniting products
Big Bag op pallet

SHELF-LIFE

Shelf-life	36 months
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