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## TECHNICAL DATA SHEET

# LOOPLIFE r-HDPE

Polyolefins

R-HDPE00C-GY / GRADE

REPROCESSED HIGH DENSITY POLYETHYLENE / PRODUCT NAME

### Description

r-HDPE grades from LOOPLIFE POLYMERS are reprocessed from homogeneous and clean/washed sources of high density polyethylene (HDPE). Product is supplied in the form of pellets.

### PHYSICO-CHEMICAL PROPERTIES

Chemical name	High Density Polyethylene			Residual moisture	ppm	Max	500
Granulometry	pellets/g	25	-	70	Ash content @450°C	%	1
Density	g/cm <sup>3</sup>	0,95			Melt index @230°C, 2,16kg	g/10 min	-
Melt index @190°C, 2,16kg	g/10 min	0,4	-	1,2	Melt index @230°C, 5kg	g/10 min	-
Melt index @190°C, 5kg	g/10 min	2	-	4			

### MECHANICAL PROPERTIES

Stress at yield	MPa	19,5	Tensile modulus	MPa	1019
Stress at break	MPa	12,4	IZOD	kJ/m <sup>2</sup>	17,6
Flex modulus	MPa	1069			

### SENSORY CHARACTERISTICS

Clarity	Opaque
Shape	Lenticular to cylindrical
Color	Grey

### PURITY

Other fraction	None
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### REGISTRATION

CAS nummer	9002-88-4
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### PACKAGING

Standard: Big bag (1250kg Net Weight)

### PROCESSING INFORMATION

### TRANSPORT STORAGE CONDITIONS

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

### SHELF-LIFE

Shelf-life	36 months
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