

PCR LLDPE VIVASTO  
GREY



**PRODUCT DESCRIPTION**

Regranulate is a 100% Post Consumer Recyclate (PCR)

Origin: Commercial

Source: Agricultural silage stretch film

**REGRANULATE COMPOSITION:**

- Polimer: >95% LLDPE
- Color: Grey
- Impurities: very low gel level
- Pellet size: 3 +/- 0,1 mm

No heavy metals and other plastics content.  
SVHC ad gel level analysis available on demand

**OPTIONS:**

- Odorless (Erema Refresher)
- Non sticky

**APPLICATION:**

- Stretch film production (agricultural and packaging),
- As an additive for technical film, refuse and waste bags production



Polish Recycling  
Association



PROPERTIES	METHOD	CONDITIONS	UNIT	TOLERANCE	VALUE
MFI	ISO 1133	2,16kg, 190°C	g/10 min	+/- 0,1	1,1
MFI	ISO 1133	5,00kg, 190°C	g/10 min	+/- 0,3	3,7
DENSITY	ISO 1183	-	g/cm <sup>3</sup>	+/- 0,075	0,95
BULK DENSITY	ISO 60:2011	-	g/dm <sup>3</sup>	+/-5	>500
MOISTURE	SCALE OVEN	10g / 95°C/ 6min	ppm	+/-30	<300
TENSILE STRENGTH	ISO 527-1, ISO 527,2	50 mm/min Grips: 115 mm	MPa	-	>16,5
TENSILE MODULUS (YOUNG)	ISO 527-1, ISO 527,2	1 mm/min Grips: 115 mm	MPa	+/-25	100
ELONGATION AT BREAK	ISO 527-1, ISO 527,2	50 mm/min Grips: 115 mm	%	-	> 375
CHARPY IMPACT STRENGTH (NOTCHED A)	ISO 179	5J, 23°C	kJ/m <sup>2</sup>	-	No Break
ASH CONTENT	ISO 3451	600°C 1h	%	-	<3,5