

TECHNICAL DATA SHEET (TDS)

rLDPE AMBER 80mc

1. PRODUCT DESCRIPTION

Recycled Low-Density Polyethylene (LDPE) granules, amber color, ultra-high purity filtered at 80 microns. Product obtained from the recovery and regeneration of post-industrial (PIR) and post-consumer (PCR) waste. Also available in COLORED AMBER Surplus variant (white, yellow, blue, green).

2. MAIN APPLICATIONS

Specifically developed for high-performance blown film extrusion. Can be used at 100% for the production of thin films with thickness from 15 microns upwards (e.g., stretch film, flexible packaging).

3. TYPICAL PROPERTIES

Property	Test Method	Typical Value	Unit
Melt Flow Index (190°C / 2.16 kg)	ISO 1133	0.5 - 1.0	g/10 min
Density	ISO 1183	0.920 - 0.940	g/cm ³
Minimum PE content	Internal Method	> 95	%
Moisture	ISO 15512	≤ 0.1	%
Ash Content	ISO 3451	≤ 3.0	%

4. PROCESSING GUIDELINES

Blown film extrusion. Recommended processing temperatures: 160°C - 190°C. It is recommended to process with a high neck (similar to HD or MD) to facilitate material stretching at the beginning of the cooling phase.

5. PACKAGING AND STORAGE

Supplied in Big Bags on wooden pallets, with cover for outdoor storage. Net weight: 1200 kg per Big Bag.

6. CERTIFICATIONS

Product certified RE-NEW PLAST according to UNI EN 15343 standard (Certification body: ICIM, accredited by ACCREDIA). Feedstock origin: 100% PIR and PCR.

The values indicated are typical and do not constitute a sales specification. The information provided is based on our current knowledge and experience. The user is recommended to verify the suitability of the product for the specific application.

SEDE LEGALE

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CAPITALE SOCIALE

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CONTATTI

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